

COLOR research and application

Cumulative Index to Volumes 6-10, 1981-1985

This is the second index to *COLOR research and application*. It covers from Volume 6, No. 1, Spring 1981, through Volume 10, No. 4, Winter 1985.

In the Subject Index, items are listed under one or more subject categories (listed below) ranging from AIC to Whiteness. The title of the item is followed by the author(s), volume, page, and year. If the item is a Color Forum,

Industrial Note, Letter to the Editor, Meeting Report, News Item, Erratum, Necrology, or Note, the appropriate words appear after the title; articles are not specifically designated in this way. Book reviews are listed as "Review of . . .".

The Author Index is similarly structured within listings. Items are listed under the name of the first author; in alphabetic order. Co-authors are listed and cross referenced.

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AIC
Appearance (other than color)
Architecture
Art
Biography
Canadian Society
Chemistry
Chromatic adaptation
CIE
CIE reports
CIE system
Colorants
Color appearance
Coloration
Color constancy
Color differences
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Color identification
Colorimetry
Color matching
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Forsius Symposium on Colour Order Systems (Meeting Report),
Billmeyer, F.W., Jr., **8**, 235 (1983)

Appearance (other than color)

Creating Interference Colors on Thermoplastic Films without Colorants
(Industrial note), Bryson, T., **9**, 57 (1984)
On the Measurement of Haze, Billmeyer, F.W., Jr.; Chen, Y., **10**, 219
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Using Color to Separate Reflection Components, Shafer, S.A., **10**, 210
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Architecture

Color in Architecture, Vosbeck, R.R., **9**, 103 (1984)
Color Order Systems and Architectural Color Design, Spillman, W., **10**,
5 (1985)
Review of *Color*, edited by Helen Varney, Reviewed by Billmeyer,
F.W., Jr., **6**, 188 (1981)

Art

Color and Human Response, Birren, F., **8**, 75 (1983)
J.C. Le Blon, Discoverer and Developer of the Red-Yellow-Blue
Principle of Color Printing and Color Mixture, Birren, F., **6**, 85
(1981)
Letter to the Editor, Gottslegen, M.D., **10**, 59 (1985)
Light, Color, and Poetry, Buckley, M.L., **8**, 247 (1983)
A Mobile Spectrophotometer for Art Conservation, Wright, W.D., **6**,
70 (1981)
The 1981 ISCC Williamsburg Conference (Meeting Report), Webber,
T.G., **6**, 176 (1981)
A Report on the 1981 ISCC Williamsburg Color Conference (Meeting
Report), Schwartz, B., **6**, 178 (1981)
Review of *Color*, edited by Helen Varney, Reviewed by Billmeyer,
F.W., Jr., **6**, 188 (1981)
Review of *Color Structure and Design*, by Richard G. Ellinger,
Reviewed by Luke, J.T., **6**, 253 (1981)
Review of *Colour, A Study of its Position in the Art Theory of the
Quattro- & Cinquecento*, by Jonas Gavel, Reviewed by Kuehni,
R.G., **6**, 188 (1981)
Review of *Completing the Picture: Materials and Techniques of Twenty-
six Paintings in the Tate Gallery*, by Tate Gallery Publications
Department, Reviewed by Luke, J.T., **8**, 263 (1983)
Review of *History of Color in Painting*, by Faber Birren, Reviewed by
Luke, J.T., **6**, 189 (1981)
Review of *Light and Color in Nature and Art*, by Samuel J. Williamson
& Herman Z. Cummins, Reviewed by Orna, M.V., **10**, 123 (1985)
Review of *Lights and Pigments-Colour Principles for Artists*, by Ray
Osborn, Reviewed by Davidson, S.L., **8**, 130 (1983)
Review of *Manual Art*, by Frank Rosenow, Reviewed by Davidson,
S.L., **8**, 130 (1983)

Review of *Paint & Painting*, by Tate Gallery Publications Department,
Reviewed by Luke, J.T., **8**, 263 (1983)

Review of *The Spirit of Colors: The Art of Karl Gerstner*, H. Stierlin,
Ed., Reviewed by Kuehni, R.G., **7**, 276 (1982)

Science and Art, Objective and Subjective (Color Forum), Birren, F.,
10, 180 (1985)

Simulation of Colored Illumination (Note), Luke, J.T., **9**, 153 (1984)

Simulation of Colored Illumination in Painting Using the Ostwald
System, Thomas, H., **9**, 147 (1984)

Biography

A Life for Color with Color, Kuehni, R.G., **9**, 157 (1984)
Davidson, S. Leonard, **10**, 4 (1985)
Nickerson, Dorothy, **10**, 68 (1985)
Wyszecki, Gunter, **10**, 198 (1985)

Canadian Society

Canadian Society for Color (Meeting Report), Makow, D., **8**, 57 (1983)

Chemistry

Color Aspects of Reagents Used Visually in Clinical Analysis,
Genshaw, M.A., **10**, 235 (1985)

Identification of Organic Pigments by Solution Spectrophotometry,
Billmeyer, F.W., Jr.; Saltzman, M.; Kumar, R., **7**, 327 (1982)
Letter to the Editor, Author's Reply to Ziderman, McLaren, K., **10**,
258 (1985)

Letter to the Editor, Ziderman, I.I., **10**, 258 (1985)

Light-Induced Colour Changes in Dyes and Materials, van Beek,
H.C.A., **8**, 176 (1983)

Photochemical and Thermal Stability of Amaranth (FD&C Red No. 2)
in Aqueous Media (Note), Box, J.A.; Naman, L.M.S.; Sugden,
J.K., **10**, 41 (1985)

Review of *The Physics and Chemistry of Color; The Fifteen Causes of
Color* by Kurt Nassau, Reviewed by Orna, M.V., **9**, 190 (1984)

Chromatic adaptation

Analysis of Colour-Appearance Grids and Chromatic-Adaptation
Transforms, Pointer, M.R., **7**, 113 (1982)

On Chromatic Adaptation and Persistence, Bartleson, C.J., **6**, 153
(1981)

Chromatic Adaptation and π Mechanisms, Walraven, J.; Werner, J.S.,
7, 50 (1982)

Chromatic Adaptation in Image Reproduction, Hunt, R.W.G., **7**, 46
(1982)

Comparison of Correcting Methods for Chromatic Adaptation Used for
Color-Rendering Specification, Fuchida, T.; Mori, L., **7**, 294
(1982)

The Effect of Chromatic Adaptation on Color Rendering, Schanda, J.,
6, 221 (1981)

On Exponents of a Nonlinear Model of Chromatic Adaptation,
Nayatani, Y.; Takahama, K.; Sobagaki, H.; Hiroto, J., **7**, 34
(1982)

Flicker Photometric Sensitivity and Chromatic Adaptation in Color-Deficient and Normal Observers, Nagy, A.L.; Harami, E.; Purl, K.F., 9, 206 (1984)

Formulation of a Nonlinear Model of Chromatic Adaptation, Nayatani, Y.; Takahama, K.; Sobagaki, H., 6, 161 (1981)

Formulation of a Nonlinear Model of Chromatic Adaptation for a Light-Gray Background, Takahama, K.; Sobagaki, H.; Nayatani, Y., 9, 106 (1984)

Letter to the Editor, Pointer, M.R., 9, 83 (1984)

Proposed Indices of Metamerism with Constant Chromatic Adaptation (Color Forum), Berns, R.S.; Billmeyer, F.W., Jr., 8, 186 (1983)

Why and How Chromatic Adaptation Has Been Studied, Wright, W.D., 6, 147 (1981)

CIE

Applying the CIE Retroreflectance Geometry, Venable, W. H., Jr., 7, 311 (1982)

CIE Activities in the Measurement of Retroreflection, Moerman, J.J.B., 7, 231 (1982)

The Golden Jubilee of Colour in the CIE 1931-1981, Wright, W.D., 7, 12 (1982)

Golden Jubilee of Colour in the CIE, 1931-1981, London, September 28-29, 1981 (Meeting Report), Billmeyer, F.W., Jr., 7, 338 (1982)

Review of *The Golden Jubilee of Colour in the CIE*, by The Society of Dyers and Colourists, Reviewed by Carter, E.C., 7, 344 (1982)

20th Congress, Amsterdam, Sept. 1983 (Meeting Report), Billmeyer, F.W., Jr., 9, 179 (1984)

The 20th Session of the CIE (Meeting Report), Snelgar, R., 9, 241 (1984)

CIE reports

CIE Publication on Daylight Simulators (News), 7, 122 (1982)

CIE Report on Methods of Characterizing the Performance of Radiometers and Photometers (News), 7, 244 (1982)

CIE Report on Retroreflection-Definition and Measurement (News), 8, 100 (1983)

CIE Reports on Light Signals for Road Traffic Control (News), 6, 182 (1981)

New CIE Report on Road Lighting (News), 8, 56 (1983)

New CIE Technical Report (News), 6, 252 (1981)

Proceeding of the 19th CIE Session, Kyoto, 1979 (News), 6, 182 (1981)

Recent CIE Reports (News), 10, 252 (1985)

Recommendations for Surface Colours for Visual Signalling (News), 8, 260 (1983)

CIE system

A Colour-Appearance Transform for the CIE 1931 Standard Colorimetric Observer, Hunt, R.W.G.; Pointer, M.R., 10, 165 (1985)

A Comparison of the CIE 1976 Colour Spaces, Pointer, M.R., 6, 108 (1981)

The Calculation of Weight Factors for Tristimulus Integration, Fairman, H.S., 10, 199 (1985)

CIE Proposal for Study of Whiteness Formulae (News), 6, 107 (1981)

Color-Matching Functions: A Set of Transformations with Essentially Single Maximums, Gibson, G.L., 6, 143 (1981)

The Derivation of Hue-Difference Terms from CIELAB Coordinates, McLaren, K.; Taylor, P.F., 6, 75 (1981)

The Determination of Weights for Use in Calculating Tristimulus Values, Stearns, E.I., 6, 210 (1981)

Illuminant CD (Color Forum), MacAdam, D.L., 6, 245 (1981)

Improved Illuminant CD (Color Forum), MacAdam, D.L., 8, 121 (1983)

Influence of Spectrophotometer Slits on Tristimulus Calculations, Stearns, E.I., 6, 78 (1981)

Letter to the Editor, Erb W., 7, 246 (1982)

Letter to the Editor, Stearns, E.I., 6, 207 (1981)

A New Look at the Calculation of Tristimulus Values, Stearns, E.I., 6, 203 (1981)

Practical Transformations of CIE Color-Matching Functions, Ohta, N., 7, 53 (1982)

Redetermination of CIE Standard Source C, Billmeyer, F. W., Jr., Gerrity, E.A., 8, 90 (1983)

Review of *Color Science: Concepts and Methods, Quantitative Data and Formulae*, 2nd ed., by Gunter Wyszecki and W.S. Stiles, Reviewed by Billmeyer, F.W., Jr., 8, 8, 262 (1983)

Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, Reviewed by Davidson, S.L., 7, 275 (1982)

Subjective Evaluation of Uniform Color Spaces Used for Color-Rendering Specification, Mori, L.; Fuchida, T., 7, 285 (1982)

Truncation Error in Colorimetric Computations, Erb, W.; Krystek, M., 8, 17 (1983)

Visual Evaluation of Daylight Simulators for the Colorimetry of Luminescent Materials, Chong, T-F.; Billmeyer, F.W., Jr., 6, 213 (1981)

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Carbon Black as Dulling Agent for Nylon Filaments and the Light Fastness of Dyes on Dullled Filaments, Datye, K.V.; Mishra, S.; Srivastava, J., 9, 163 (1984)

Color Differences Resulting from Pigment Concentration Errors (Industrial Note), Phillips, D.G., 7, 28 (1982)

Current Regulatory Status of Cadmium Pigments, Heiser, D.J., 6, 237 (1981)

Energy Transfer between Fluorescent Organic Pigments, Billmeyer, F.W., Jr.; Hepfinger, Lisa B., 8, 12 (1983)

Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., 6, 38 (1981)

Letter to the Editor, Author's Reply to Ziderman, McLaren, K., 10, 258 (1985)

Letter to the Editor, McLaren, K., 8, 164 (1983)

Letter to the Editor, Ziderman, I.I., 10, 258 (1985)

Light-Induced Colour Changes in Dyes and Materials, van Beek, H.C.A., 8, 176 (1983)

Natural Dyes in Quebec (Note), Sauvé, P.-M., 6, 172 (1981)

Photochemical and Thermal Stability of Amaranth (FD&C Red No. 2) in Aqueous Media (Note), Box, J.A.; Naman, L.M.S.; Sugden, J.K., 10, 41 (1985)

The Real Value of a TiO₂ Pigment (Industrial Note), Berenson, M.E., 9, 98 (1984)

Review of *Colors from the Earth—The Artists Guide to Collecting, Preparing and Using Them*, by Anne Wall Thomas, Reviewed by Davidson, S.L., 8, 130 (1983)

Review of *Lights and Pigments—Colour Principles for Artists*, by Ray Osborn, Reviewed by Davidson, S.L., 8, 130 (1983)

Review of *The Colour Science of Dyes and Pigments* by Keith McLaren; Reviewed by Voke, J., 10, 53 (1985)

Review of *The Colour Science of Dyes & Pigments* by Keith McLaren, Reviewed by Webber, T.G., 10, 54 (1985)

Review of *The Physics and Chemistry of Color; The Fifteen Causes of Color* by Kurt Nassau, Reviewed by Orna, M.V., 9, 190 (1984)

Simplified Method of Calculating Legendre Coefficients for Computing Optical Properties of Colorants, Mehta, K.T.; Shah, H.S., 10, 98 (1985)

Color appearance

A Colour-Appearance Transform for the CIE 1931 Standard Colorimetric Observer, Hunt, R.W.G.; Pointer, M.R., 10, 165 (1985)

A Model of Colour Vision for Predicting Colour Appearance, Hunt, R.W.G., 7, 95 (1982)

A Model of Colour Vision for Predicting Colour Appearance, Erratum: Hunt, R.W.G., 7, 306 (1982)

Analysis of Colour-Appearance Grids and Chromatic-Adaptation Transforms, Pointer, M.R., 7, 113 (1982)

The Appearance of Colors Produced by a Minimum-Energy Stimulus and Two Pairs of Fundamental Colors, Hasegawa, T., 7, 201 (1982)

Color Scales in Simulated Daylight, MacAdam, D.L., 6, 53 (1981)

Comparison of Correcting Methods for Chromatic Adaptation Used for Color-Rendering Specification, Fuchida, T.; Mori, L., 7, 294 (1982)

Remarks on Filling the Gap between Studies of Two Different Modes of Appearance: Aperture Color and Object Color, Indow, T., 7, 209 (1982)

Saturation as a Function of Test-Field Size and Surround Luminance, Troscianko, T.S., 7, 89 (1982)

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Carbon Black as Dulling Agent for Nylon Filaments and the Light Fastness of Dyes on Dull Filaments, Datye, K.V.; Mishra, S., Srivastava, J., **9**, 163 (1984)

Color Differences Resulting from Pigment Concentration Errors (Industrial Note), Phillips, D.G., **7**, 28 (1982)

Color-Matching Performance of Polypropylene Producers (Industrial Note), Longley, W.V., **7**, 119 (1982)

Colors of Dope and Yarn of Spun-Dyed Cellulose Acetate (Industrial Note), Nava, A.; Bianchi, D.; Pitea, D., **8**, 23 (1983)

Creating Interference Colors on Thermoplastic Films without Colorants (Industrial note), Bryson, T., **9**, 57 (1984)

Formulation of Blends of Precolored Nylon Fiber (Industrial Note), Burlone, D.A., **8**, 114 (1983)

Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., **6**, 38 (1981)

Identification of Organic Pigments by Solution Spectrophotometry, Billmeyer, F.W., Jr.; Saltzman, M.; Kumar, R., **7**, 327 (1982)

The Real Value of a TiO_2 Pigment (Industrial Note), Berenson, M.E., **9**, 98 (1984)

Review of *Coloring of Plastics*, edited by Thomas G. Webber, Reviewed by Mimeaule, V.T., **6**, 187 (1981)

Review of *Coloring of Plastics*, edited by Thomas G. Webber, Reviewed by Hoogeboom, T.J., **6**, 186 (1981)

Review of *Colors from the Earth—The Artists Guide to Collecting, Preparing and Using Them*, by Anne Wall Thomas, Reviewed by Davidson, S.L., **8**, 130 (1983)

Review of *The Physics and Chemistry of Color: The Fifteen Causes of Color* by Kurt Nassau, Reviewed by Orna, M.V., **9**, 190 (1984)

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Theoretical and Practical Aspects of Selected Fiber-Blend Color Formulation Functions, Burlone, D., **9**, 213 (1984)

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Methods for Generating Spectral Reflectance Functions Leading to Color-Constant Properties, Berns, R.S.; Billmeyer, F.W., Jr.; Sacher, R.S., **10**, 73 (1985)

Color differences

Advances in Color-Difference Formulas, Kuehni, R.G., **7**, 19 (1982)

Assessment of Color-Measuring Instruments, Billmeyer, F.W., Jr.; Alessi, P.J., **6**, 195 (1981)

ATDN: Toward a Uniform Color Space, Benzschawel, T.; Guth, S.L., **9**, 133 (1984)

CIELUV/CIELAB and Self-Luminous Displays: Another Perspective (Color Forum), Post, D.L., **9**, 244 (1984)

CIE $L^*u^*v^*$ Color-Difference Equations for Self-Luminous Displays (Color Forum), Carter, R.C.; Carter, E.C., **8**, 252 (1983)

CMC Colour-difference Formula (News), **9**, 250 (1984)

Color Differences Resulting from Pigment Concentration Errors (Industrial Note), Phillips, D.G., **7**, 28 (1982)

A Comparison of the CIE 1976 Colour Spaces, Pointer, M.R., **6**, 108 (1981)

The Derivation of Hue-Difference Terms from CIELAB Coordinates, McLaren, K.; Taylor, P.F., **6**, 75 (1981)

A Flaw in Equations for Predicting Chromatic Differences, Boynton, R. M.; Nagy, A.L.; Olson, C.X., **8**, 69 (1983)

Influence of Experimental Parameters on the Evaluation of Color-Difference Ellipsoids, Strocka, D.; Brockes, A.; Paffhausen, W., **8**, 169 (1983)

Letter to the Editor, Boynton, R.M., **8**, 256 (1983)

Letter to Editor, Authors Reply to MacAdam, Boynton, R.M., **9**, 247 (1984)

Letter to Editor, MacAdam, D.L., **9**, 247 (1984)

Matching Large Color Differences with Achromatic and Chromatic Surrounds, Fuchida, T.; Cowan, W.B.; Wyszecki, G., **10**, 92 (1985)

Metric Coefficients for CIE Color-difference Formulas (Note), MacAdam, D.L., **10**, 45 (1985)

Parametric Variations in a Threshold Color-Difference Ellipsoid for Green Painted Samples, Witt, K.; Döring, G., **8**, 153 (1983)

Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, Reviewed by Davidson, S.L., **7**, 275 (1982)

Setting Up Acceptability Tolerances; A Case Study, Allen, E.; Yuhas, B., **9**, 37 (1984)

Small and Moderate Color Differences. IV. Color-Difference-Perceptibility Ellipses in Surface-Color Space, Rich, D. C., Billmeyer, F.W., Jr., **8**, 31 (1983)

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A Simplified Method for Formulating Pseudo-Object Colors, Ohta, N., **7**, 78 (1982)

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Golden Jubilee of Colour in the CIE, 1931-1981, London, September 28-29, 1981 (Meeting Report), Billmeyer, F.W., Jr., **7**, 338 (1982)

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Newton's Indigo, McLaren, K., **10**, 225 (1985)

Colorimetry

On Analytical Versus Numerical Integration in Tristimulus Calculations, Fairman, H.S., **8**, 245 (1983)

A Better Colorimetric Standard Observer for Color-Vision Studies: The Stiles and Burch 2° Color-Matching Functions, Estévez, O., **7**, 131 (1982)

The Calculation of Weight Factors for Tristimulus Integration, Fairman, H.S., **10**, 199 (1985)

Color Aspects of Reagents Used Visually in Clinical Analysis, Genshaw, M.A., **10**, 235 (1985)

Colorimetry and its Accuracy in the Measurement of Fluorescent Materials by the Two-Monochromator Method, Minato, H.; Nanjo, M.; Nayatani, Y., **10**, 84 (1985)

Color-Matching Functions: A Set of Transformations with Essentially Single Maximums, Gibson, G.L., **6**, 143 (1981)

Color Samples for Colorimetric Fidelity Testing in Television, Hisdal, B., **10**, 230 (1985)

Daytime Colorimetry of Retroreflective Materials, Terstiege, H., **7**, 307 (1982)

The Determination of Weights for Use in Calculating Tristimulus Values, Stearns, E.I., **6**, 210 (1981)

The Development of Color Metrics, Richter, M., **9**, 69 (1984)

The Future of Color Science, Robertson, A.R., **7**, 16 (1982)

Interior and Exterior Daylight Illuminants for the Colorimetry of Fluorescent Materials, Clarke, F.J.J.; McKinnon, R.A., **7**, 257 (1982)

Letter to the Editor, MacAdam, D.L., **8**, 256 (1983)

Letter to the Editor, Stearns, E.I., **6**, 207 (1981)

Luminosity as a Color-Matching Function (Color Forum), MacAdam, D.L., **8**, 121 (1983)

A Method for Improving the Accuracy of Tristimulus Colorimeters, Erb, W.; Krystek, M.; Budde, W., **9**, 84 (1984)

Monte-Carlo Study of Errors in the Tristimulus Colorimetry of White Papers, Sève, R., **9**, 89 (1984)

A New Look at the Calculation of Tristimulus Values, Stearns, E.I., **6**, 203 (1981)

Notes on Tristimulus Calculation (Note), Stearns, E.I., **9**, 173 (1984)

Optimum Color Stimuli in Various Illuminants, Pridmore, R.W., **10**, 118 (1985)

Practical Transformations of CIE Color-Matching Functions, Ohta, N., **7**, 53 (1982)

Prediction of Observer Variation in Estimating Colorimetric Values, Takahama, K.; Sobagaki, H.; Nayatani, Y., **10**, 106 (1985)

A Proposal of New Standard Deviate Observers, Nayatani, Y.; Takahama, K.; Sobagaki, H., **8**, 47 (1983)

Review of *Chromatic Induction* by Jan Walraven, **6**, 254 (1981)

Review of *Colorimetry*, by Jing Qi-cheng, Jiao Shu-lan, Yu Bai-lin, and Hu Wei-sheng, **6**, 254 (1981)

Review of *Color Measurement, Theme and Variations*, by D.L. MacAdam, Reviewed by Hunter, R.S., **8**, 131 (1983)

Review of *Color Measurement: Theme and Variations* by D.L. MacAdam, Reviewed by Robertson, A.R., **8**, 198 (1983)

Review of *Colour, Its Measurement, Computation and Application*, by G.J. Chamberlin and D.G. Chamberlin, Reviewed by Hammond, H.K. III, **6**, 187 (1981)

Review of *Foundation of Colorimetry (Selections of overseas scientific and technical papers)*, translated by Li Zai-qing, Yu Bai-lin, and Jiao Shu-lan, **6**, 254 (1981)

Review of *On the Fundamental Data-Base of Normal and Dichromatic Color Vision*, by Oscar Estéves Uscanga, **6**, 254 (1981)

Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., **6**, 185 (1981)

Review of *The Colour Science of Dyes and Pigments* by Keith McLaren; Reviewed by Voke, J., **10**, 53 (1985)

Review of *The Colour Science of Dyes & Pigments* by Keith McLaren, Reviewed by Webber, T.G., **10**, 54 (1985)

Some Simple Statistics for Use in Spectrophotometry and Colorimetry (Color Forum), Derby, R.E., Jr., **7**, 123 (1982)

Truncation Error in Colorimetric Computations, Erb, W.; Krystek, M., **8**, 17 (1983)

Visual Evaluation of Daylight Simulators for the Colorimetry of Luminescent Materials, Chong, T-F.; Billmeyer, F.W., Jr., **6**, 213 (1981)

Color matching

A Simplified Method for Formulating Pseudo-Object Colors, Ohta, N., **7**, 78 (1982)

Color Differences Resulting from Pigment Concentration Errors (Industrial Note), Phillips, D.G., **7**, 28 (1982)

Color-Matching Performance of Polypropylene Producers (Industrial Note), Longley, W.V., **7**, 119 (1982)

Colors of Dye and Yarn of Spun-Dyed Cellulose Acetate (Industrial Note), Nava, A.; Bianchi, D.; Pitea, D., **8**, 23 (1983)

Formulation of Blends of Precolored Nylon Fiber (Industrial Note), Burlone, D.A., **8**, 114 (1983)

Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, Reviewed by Davidson, S.L., **7**, 275 (1982)

Theoretical and Practical Aspects of Selected Fiber-Blend Color Formulation Functions, Burlone, D., **9**, 213 (1984)

Color metrics

The Development of Color Metrics, Richter, M., **9**, 69 (1984)

A Flaw in Equations for Predicting Chromatic Differences, Boynton, R. M.; Nagy, A.L.; Olson, C.X., **8**, 69 (1983)

Letter to the Editor, Boynton, R.M., **8**, 256 (1983)

Metric Coefficients for CIE Color-difference Formulas (Note), MacAdam, D.L., **10**, 45 (1985)

Color mixing

Discovery of the Composite Nature of White Light (Color Forum), MacAdam, D.L., **8**, 123 (1983)

Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., **6**, 38 (1981)

J.C. Le Blon, Discoverer and Developer of the Red-Yellow-Blue Principle of Color Printing and Color Mixture, Birren, F., **6**, 85 (1981)

Review of *Bemerkungen über die Farben* (Remarks on Colour), by Ludwig Wittgenstein, Reviewed by MacAdam, D.L., **8**, 62 (1983)

Review of *Color Atlas: A Practical Guide for Color Mixing*, by Harald Kueppers, Reviewed by Luke, J.T., **8**, 128 (1983)

Review of *Color in Reproduction*, by Hilda Simon, Reviewed by Billmeyer, F.W., Jr., **6**, 122 (1981)

Review of *Coloritto*, by J.C. Le Blon, Reviewed by Rhodes, W.L., **6**, 121 (1981)

Review of *Optical Color and Simultaneity*, by Ellen Marx, Reviewed by Luke, J.T., **10**, 251 (1985)

Review of *The Basic Law of Color Theory*, by Harald Kueppers, Reviewed by Luke, J.T., **8**, 265 (1983)

Who Invented the Color Wheel?, Parkhurst, C.; Feller, R.L., **7**, 217 (1982)

Color order systems

The Basic Concepts and Attributes of Colour Order Systems, Wright, W.D., **9**, 229 (1984)

Color Order Systems and Architectural Color Design, Spillman, W., **10**, 5 (1985)

Color Scales in Simulated Daylight, MacAdam, D.L., **6**, 53 (1981)

Colour Order Systems: An Introductory Review, Robertson, A.R., **9**, 234 (1984)

Erratum: Editor's note, **6**, 120 (1981)

Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., **6**, 38 (1981)

Forsius Symposium on Colour Order Systems (Meeting Report), Billmeyer, F.W., Jr., **8**, 235 (1983)

On the Geometry of the OSA Uniform Color Scales Committee Space (Note), Billmeyer, F.W., Jr., **6**, 34 (1981)

Judd and Hardy's Contributions to Color Measurement and Color-Order Systems (Note), MacAdam, D.L., **9**, 170 (1984)

Letter to the Editor, Ingalls, M., **6**, 119 (1981)

Letter to the Editor, McLaren, K., **10**, 124 (1985)

A Life for Color with Color, Kuehni, R.G., **9**, 157 (1984)

NCS-Natural Color System: A Swedish Standard for Color Notation, Hård, A.; Sivik, L., **6**, 129 (1981)

OSA Uniform Color Scale Samples: A Unique Set, Nickerson, D., **6**, 7 (1981)

Perceptual Factors Affecting Colour Order Systems, Hunt, R.W.G., **10**, 12 (1985)

Physical Exemplification of Color Order Systems, McCamy, C.S., **10**, 20 (1985)

Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), Ingalls, R.; Ingalls, M.D., **6**, 37 (1981)

Review of *Chroma Cosmos 5000* by Japan Color Research Institute, Reviewed by Kelly, K.L., **6**, 59 (1981)

Review of *Chromaton 707* by Japan Color Research Institute, Reviewed by Birren, F., **8**, 262 (1983)

Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., **6**, 185 (1981)

Simulation of Colored Illumination (Note), Luke, J.T., **9**, 153 (1984)

Simulation of Colored Illumination in Painting Using the Ostwald System, Thomas, H., **9**, 147 (1984)

Why Colour Order Systems?, Hesselgren, S., **9**, 220 (1984)

Color perception

Brightness of Colored Self-Luminous Displays, Kinney, J.S., **8**, 82 (1983)

Color-Discrimination Perimetry, Uchikawa, H.; Kaiser, P.K.; Uchikawa, K., **7**, 264 (1982)

Color-Match Changes between the Fovea and the Perifovea, Viénot, F., **8**, 215 (1983)

Color-Vision Theory and Linear Models of Color Vision, Massof, R.W., **10**, 133 (1985)

The Distimulus Method of Assessing Luminous Efficiency of the Spectrally Pure Stimuli, Fry, G.A., **9**, 142 (1984)

Estimation of Chromaticness of Constant-Luminance Central-Field Colors on a D_{65} Surround, Roddewig, W., **9**, 49 (1984)

Flicker Photometric Sensitivity and Chromatic Adaptation in Color-Deficient and Normal Observers, Nagy, A.L.; Harami, E.; Puri, K.F., **9**, 206 (1984)

The Helmholtz-Kohlrausch Effect (Color Forum), Kaiser, P.K., **10**, 187 (1985)

Letter to Editor, Birren F., **9**, 249 (1984)

Luminance and Saturation of Equally Bright Colors, Uchikawa, K.; Uchikawa, H.; Kaiser, P.K., **9**, 5 (1984)

Matching Large Color Differences with Achromatic and Chromatic Surrounds, Fuchida, T.; Cowan, W.B.; Wyszecki, G., **10**, 92 (1985)

On the Merits of Model Making in Understanding Color-Vision Phenomena, Vos, J.J., **7**, 69 (1982)

Nonvisual Color Perception: A Critical Review, Kaiser, P.K., **8**, 137 (1983)

Perceptual Factors Affecting Colour Order Systems, Hunt, R.W.G., **10**, 12 (1985)

Review of *Optical Color and Simultaneity*, by Ellen Marx, Reviewed by Luke, J.T., **10**, 251 (1985)

Review of *Visual Measurements*, edited by C.J. Bartleson and Franc Grum, Reviewed by Rich, D.C., **10**, 188 (1985)

Saturation as a Function of Test-Field Size and Surround Luminance, Troscianko, T.S., **7**, 89 (1982)

Wavelength Discrimination with a Chromatically Alternating Stimulus, Uchikawa, K.; Ikeda, M., **10**, 204 (1985)

Color rendering

The Effect of Chromatic Adaptation on Color Rendering, Schanda, J., 6, 221 (1981)
Subjective Evaluation of Uniform Color Spaces Used for Color-Rendering Specification, Mori, L.; Fuchida, T., 7, 285 (1982)

Color scaling

The Aim and Method of the Color Image Scale, Kobayashi, S., 6, 93 (1981)
Colour Order Systems: An Introductory Review, Robertson, A.R., 9, 234 (1984)
The Distimulus Method of Assessing Luminous Efficiency of the Spectrally Pure Stimuli, Fry, G.A., 9, 142 (1984)
Estimation of Chromaticness of Constant-Luminance Central-Field Colors on a D₆₅ Surround, Roddewig, W., 9, 49 (1984)
Further Study of Color Preferences with and without a Context (Note), Saito, T., 9, 121 (1984)
Latent Spaces of Color Preference With and Without a Context: Using the Shape of an Automobile as the Context, Saito, T., 8, 101 (1983)
Latent Spaces of Color Preferences With and Without a Context: Using the Shape of an Automobile as the Context (Erratum), Saito, T., 8, 214 (1983)
Letter to the Editor: Authors Reply to Longley, Saito, T., 8, 257 (1983)
Letter to the Editor, Longley, W.V., 8, 257 (1983)
Luminance and Saturation of Equally Bright Colors, Uchikawa, K.; Uchikawa, H.; Kaiser, P.K., 9, 5 (1984)
Multidimensional Mapping of 178 Munsell Colors, Indow, T.; Aoki, N., 8, 145 (1983)
Saturation as a Function of Test-Field Size and Surround Luminance, Troscianko, T.S., 7, 89 (1982)
Setting Up Acceptability Tolerances; A Case Study, Allen, E.; Yuhas, B., 9, 37 (1984)

Color solids

Color Scales in Simulated Daylight, MacAdam, D.L., 6, 53 (1981)
Erratum: Editor's note, 6, 120 (1981)
Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., 6, 38 (1981)
On the Geometry of the OSA Uniform Color Scales Committee Space (Notes), Billmeyer, F.W., Jr., 6, 34 (1981)
NCS-Natural Co. System: A Swedish Standard for Color Notation, Hård, A.; Sivik, 6, 129 (1981)
Newton's Indigo, McLaren, K., 10, 225 (1985)
OSA Uniform Color Scale Samples: A Unique Set, Nickerson, D., 6, 7 (1981)
Physical Exemplification of Color Order Systems, McCamy, C.S., 10, 20 (1985)
Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), Ingalls, R.; Ingalls, M.D., 6, 37 (1981)
Review of *Color Atlas: A Practical Guide for Color Mixing*, by Harald Kueppers, Reviewed by Luke, J.T., 8, 128 (1983)
Review of *The Basic Law of Color Theory*, by Harald Kueppers, Reviewed by Luke, J.T., 8, 265 (1983)

Color spaces

ATDN: Toward a Uniform Color Space, Benzschawel, T.; Guth, S.L., 9, 133 (1984)
A Comparison of the CIE 1976 Colour Spaces, Pointer, M.R., 6, 108 (1981)
Further Study of Color Preferences with and without a Context (Note), Saito, T., 9, 121 (1984)
Latent Spaces of Color Preference With and Without a Context: Using the Shape of an Automobile as the Context, Saito, T., 8, 101 (1983)
Latent Spaces of Color Preferences With and Without a Context: Using the Shape of an Automobile as the Context (Erratum), Saito, T., 8, 214 (1983)
Letter to the Editor: Authors Reply to Longley, Saito, T., 8, 257 (1983)
Letter to the Editor, Longley, W.V., 8, 257 (1983)
Letter to the Editor, Pointer, M.R., 9, 83 (1984)
Multidimensional Mapping of 178 Munsell Colors, Indow, T.; Aoki, N., 8, 145 (1983)
Newton's Indigo, McLaren, K., 10, 225 (1985)

Proposed Indices of Metamerism with Constant Chromatic Adaptation (Color Forum), Berns, R.S.; Billmeyer, F.W., Jr., 8, 186 (1983)
Subjective Evaluation of Uniform Color Spaces Used for Color-Rendering Specification, Mori, L.; Fuchida, T., 7, 285 (1982)
Who Invented the Color Wheel?, Parkhurst, C.; Feller, R.L., 7, 217 (1982)

Color temperature

An Algorithm to Calculate Correlated Colour Temperature, Krystek, M., 10, 38 (1985)
The Effect of Chromatic Adaptation on Color Rendering, Schanda, J., 6, 221 (1981)
Letter to the Editor, Authors reply to Lozano, Schanda, J., 6, 208 (1981)
Letter to the Editor, Lozano, R.D., 6, 207 (1981)

Color tolerances

Advances in Color-Difference Formulas, Kuehni, R.G., 7, 19 (1982)
Setting Up Acceptability Tolerances; A Case Study, Allen, E.; Yuhas, B., 9, 37 (1984)

Color vision

Additivity Failure of Chromatic Valence in the Opponent-Color Theory, Ikeda, M.; Ayama, M.; Ohmi, M., 7, 197 (1982)
The Appearance of Colors Produced by a Minimum-Energy Stimulus and Two Pairs of Fundamental Colors, Hasegawa, T., 7, 201 (1982)
A Better Colorimetric Standard Observer for Color-Vision Studies: The Stiles and Burch 2° Color-Matching Functions, Estévez, O., 7, 131 (1982)
Brightness of Colored Self-Luminous Displays, Kinney, J.S., 8, 82 (1983)
Chromatic Adaptation and π Mechanisms, Walraven, J.; Werner, J.S., 7, 50 (1982)
Chromatic Properties of Bipolar Cells in the Carp Retina, Sakakibara, M.; Mitara, G., 7, 178 (1982)
Color-Discrimination Perimetry, Uchikawa, H.; Kaiser, P.K.; Uchikawa, K., 7, 264 (1982)
Color Information Coding of Horizontal-Cell Responses in Fish Retina, Fukurotani, K., 7, 146 (1982)
Color-Match Changes between the Fovea and the Perifovea, Viénot, F., 8, 215 (1983)
Color Vision: An International Conference (Meeting Report), Kaiser, P.K., 8, 166 (1983)
Color-Vision Theory and Linear Models of Color Vision, Massof, R.W., 10, 133 (1985)
Colour-Vision Researchers Meet in Berlin (Meeting Report), Voke, J., 7, 57 (1982)
Differences of Unique-Yellow Loci between Individuals, Akita, M.; Ejima, Y.; Takahashi, S., 7, 168 (1982)
The Distimulus Method of Assessing Luminous Efficiency of the Spectrally Pure Stimuli, Fry, G.A., 9, 142 (1984)
Effects of GABA Antagonists on Spectral Responses of Horizontal Cells in the Carp Retina, Shimoda, Y.; Miyachi, E.-I.; Watanabe, S.-I.; Murakami, M., 7, 149 (1982)
The Estimation of Cone Spectral Sensitivities, MacLeod, D.I.A., 7, 142 (1982)
Flicker Photometric Sensitivity and Chromatic Adaptation in Color-Deficient and Normal Observers, Nagy, A.L.; Harami, E.; Purl, K.F., 9, 206 (1984)
Human Late-Receptor Potential and its Clinical Use in Dyschromatopsia, Kawasaki, K.; Yonemura, D.; Tanabe, J.; Nakazato, H.; Kawaguchi, I.; Shirao, Y., 7, 164 (1982)
On the Merits of Model Making in Understanding Color-Vision Phenomena, Vos, J.J., 7, 69 (1982)
The Neural Organization of Primate Color Vision, Gouras, P.; Zrenner, E., 7, 205 (1982)
New Observations Concerning Red-Green Color Defects, Pokorny, J.; Smith, V.C., 7, 159 (1982)
Nonlinear Nature of the Opponent-Color Channels, Yaguchi, H.; Ikeda, M., 7, 187 (1982)
Recent Results from Single-Cell Microspectrophotometry: Cone Pigments in Frog, Fish, and Monkey, Hárosi, F.I., 7, 135 (1982)

Retinal Neurotransmitters, Morphology, and Color Coding, Marc, R.E., **7**, 155 (1982)
 Review of *Chromatic Induction* by Jan Walraven, **6**, 254 (1981)
 Review of *Color and Color Vision: Selected Reprints*, edited by Paul L. Pease, Reviewed by Nagy, A.L., **8**, 199 (1983)
 Review of *Color Vision*, by Leo M. Hurvich, Reviewed by Rich, D.C., **7**, 275 (1982)
 Review of *Colour Vision in the Nineteenth Century*, by Paul D. Sherman, Reviewed by Billmeyer, F.W., Jr., **8**, 265 (1983)
 Review of *On the Fundamental Data-Base of Normal and Dichromatic Color Vision*, by Oscar Estévez Uscanga, **6**, 254 (1981)
 Review of *The Senses*, edited by H.B. Barlow and J.D. Mollon, Reviewed by Kaiser, P.K., **9**, 127 (1984)
 Review of *Visual Measurements*, edited by C.J. Bartleson and Franc Grum, Reviewed by Rich, D.C., **10**, 188 (1985)
 The Role of L-Type Horizontal Cells in the Opponent-Color Process, Toyoda, J.; Kujiraoka, T.; Fujimoto, M., **7**, 152 (1982)
 Spatial Organization of Retinal Ganglion Cells in Turtle, *Pseudemys*, Granda, A.M.; Fulbrook, J.E., **7**, 173 (1982)
 Spectral Properties of the Second-Order Neurons in the Dace Retina, Hashimoto, Y.; Abe, M.; Inokuchi, M., **7**, 182 (1982)
 Third Taniguchi Foundation Symposium on Visual Science: Neurobiological and Psychophysical Aspects of Color Vision; Tomita, T.; Gouras, P.; MacLeod, D.I.A., **6**, 247 (1981)
 The Transformation from Cone to Channel Sensitivities, Ingling, C.R., Jr., **7**, 191 (1982)
 Trichromatic Theories Before Young, Lang, H., **8**, 221 (1983)
 Wavelength Discrimination with a Chromatically Alternating Stimulus, Uchikawa, K.; Ikeda, M., **10**, 204 (1985)

Computers

ATDN: Toward a Uniform Color Space, Benzschawel, T.; Guth, S.L., **9**, 133 (1984)
 The Calculation of Weight Factors for Tristimulus Integration, Fairman, H.S., **10**, 199 (1985)
 Setting Up Acceptability Tolerances: A Case Study, Allen, E.; Yuhas, B., **9**, 37 (1984)
 Using Color to Separate Reflection Components, Shafer, S.A., **10**, 210 (1985)

CORM

CORM 81 Conference on Optical Radiation Measurement of Fluorescent and Retroreflective Materials (Meeting Report), Billmeyer, F.W., Jr., **6**, 256 (1981)

CSA Japan

Annual Regional Meeting of the Color Science Association of Japan in the Kansai District (Meeting Report), Nakamura, S., **9**, 243 (1984)
 Annual Regional Meeting of the Color Science Association of Japan in the Kansai District (Meeting Report), Osaka, N., **8**, 234 (1983)
 The Color Science Association of Japan (News), **6**, 65 (1981)
 Eleventh Conference of the Color Science Association of Japan (Meeting Report), Kurioka, Y., **6**, 69 (1981)
 Fourteenth Annual Meeting of the Color Science Association of Japan (Meeting Report), Fukuda, T., **9**, 125 (1984)
 Review of *Color Science Handbook: New Version*, by Color Science Association of Japan, Reviewed by Indow, T., **6**, 123 (1981)
 Thirteenth Conference of the Color Science Association of Japan (Meeting Report), Kurioka, Y., **8**, 126 (1983)
 The 35th Anniversary and the 15th Annual Meeting of Color Science Association of Japan (Meeting Report), Mori, L., Ikeda, M., **10**, 51 (1985)
 Twelfth Conference of the Color Science Association of Japan (Meeting Report), Kurioka, Y., **7**, 126 (1982)

Design

The Aim and Method of the Color Image Scale, Kobayashi, S., **6**, 93 (1981)
 Color Order Systems and Architectural Color Design, Spillman, W., **10**, 5 (1985)
 Letter to Editor, Author Reply to Chesterton, Billmeyer, F.W. Jr., **9**, 246 (1984)
 Letter to Editor, Chesterton, D., **9**, 246 (1984)
 Review of *Color*, edited by Helen Varney, Reviewed by Billmeyer, F.W., Jr., **6**, 188 (1981)

Review of *Color Structure and Design*, by Richard G. Ellinger, Reviewed by Luke, J.T., **6**, 253 (1981)
 Review of *Notes on Graphic Design and Visual Communication*, by Greg Berryman, Reviewed by Davidson, S.L., **8**, 131 (1983)
 Review of *The Art of Interior Design* by Victoria Kloss Ball, Reviewed by Burton, C.M., **9**, 251 (1984)

Detectors

Review of *Physical Detectors of Optical Radiation*, by W. Budde, Reviewed by Schanda, J.D., **10**, 121 (1985)
 Tenth International Symposium of the Technical Committee on Photon Detectors, IMEKO TC2 (Meeting Report), Schanda, J.D., **9**, 123 (1984)

Education

Review of *Color: Essence & Logic* by Rolf G. Kuehni, Reviewed by Carter, E.C., **9**, 252 (1984)
 Review of *Color: Essence & Logic* by Rolf G. Kuehni, Reviewed by Webber, T.G., **9**, 251 (1984)
 Review of *Color Observed*, by Enid Verity, Reviewed by Davidson, S.L., **8**, 130 (1983)
 Review of *Color Science and Dental Art—A Self Teaching Program*, by Jack D. Preston and Stephen F. Bergen, Reviewed by Davidson, S.L., **8**, 129 (1983)
 Review of *Light and Color in Nature and Art*, by Samuel J. Williamson & Herman Z. Cummins, Reviewed by Orna, M.V., **10**, 123 (1985)
 Review of *National Bureau of Standards (NBS) Self-Study Manual On Optical Radiation Measurements*, by Fred Nicodemus, Reviewed by Nicodemus, F.E., **10**, 55 (1985)
 Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, Reviewed by Davidson, S.L., **7**, 275 (1982)
 Review of *The Colour Science of Dyes and Pigments* by Keith McLaren; Reviewed by Voke, J., **10**, 53 (1985)
 Review of *The Colour Science of Dyes & Pigments* by Keith McLaren, Reviewed by Webber, T.G., **10**, 54 (1985)

Fluorescence

Adjustment Method of Fluorescent Sample Measurement (Note), Billmeyer, F.W., Jr.; Chen, Y., **9**, 175 (1984)
 Colorimetry and its Accuracy in the Measurement of Fluorescent Materials by the Two-Monochromator Method, Minato, H.; Nanjo, M.; Nayatani, Y., **10**, 84 (1985)
 Energy Transfer between Fluorescent Organic Pigments, Billmeyer, F.W., Jr.; Hepfinger, L.B., **8**, 12 (1983)
 Errors in Spectrophotometry and Colorimetry of Fluorescent Samples Caused by Polarization of the Measuring System, Minato, H.; Nanjo, M.; Nayatani, Y., **8**, 238 (1983)
 Fluorescent Standards, Grum, F., **7**, 253 (1982)
 Interior and Exterior Daylight Illuminants for the Colorimetry of Fluorescent Materials, Clarke, F.J.J.; McKinnon, R.A., **7**, 257 (1982)
 Proposal for Measuring Fluorescent Samples in Integrating-Sphere Spectrophotometers Using a Compensation Filter (Color Forum), Billmeyer, F.W., Jr.; Chen, Y., **9**, 187 (1984)
 Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., **6**, 185 (1981)
 Visual Evaluation of Daylight Simulators for the Colorimetry of Luminescent Materials, Chong, T.-F.; Billmeyer, F.W., Jr., **6**, 213 (1981)

Foods

COLOR '80 Plovdiv (Meeting Report), Schanda, J.D., **6**, 176 (1981)

Geometric aspects

Absolute Spectral Reflectance of Mirrors, Grum, F., Wightman, T., **8**, 40 (1983)
 Creating Interference Colors on Thermoplastic Films without Colorants (Industrial note), Bryson, T., **9**, 57 (1984)
 International Intercomparison of Absolute Reflectance Scales, Budde, W.; Erb, W.; Hsia, J.J., **7**, 24 (1982)
 Kubelka-Munk Analysis of Absorptance in the Presence of Scattering, Including Surface Reflection Correction To Transmittance, Shah, H.S.; Billmeyer, F.W., Jr., **10**, 26 (1985)

On the Measurement of Haze, Billmeyer, F.W., Jr.; Chen, Y., **10**, 219 (1985)
 Using Color to Separate Reflection Components, Shafer, S.A., **10**, 210 (1985)

Graphic arts

Greyness of Process Colors, Gray, R.H., **8**, 43 (1983)
 J.C. Le Blon, Discoverer and Developer of the Red-Yellow-Blue Principle of Color Printing and Color Mixture, Birren, F., **6**, 85 (1981)
 Review of *Optical Color and Simultaneity*, by Ellen Marx, Reviewed by Luke, J.T., **10**, 251 (1985)

Health

Color and Human Response, Birren, F., **8**, 75 (1983)
 Color Aspects of Reagents Used Visually in Clinical Analysis, Genshaw, M.A., **10**, 235 (1985)
 Current Regulatory Status of Cadmium Pigments, Heiser, D.J., **6**, 237 (1981)
 Face Colour as a Sign of Tuberculosis, Pearson, C.A., **7**, 31 (1982)
 Light, Color, and Poetry, Buckley, M.L., **8**, 247 (1983)
 Nonvisual Color Perception: A Critical Review, Kaiser, P.K., **8**, 137 (1983)
 Phototherapy Using Chromatic, White, and Ultraviolet Light, Kaiser, P.K., **9**, 195 (1984)
 Physiological Response to Color: A Critical Review, Kaiser, P.K., **9**, 29 (1984)
 Review of *Color Science and Dental Art—A Self Teaching Program*, by Jack D. Preston and Stephen F. Bergen, Reviewed by Davidson, S.L., **8**, 129 (1983)
 Review of *Skin Color and Facial Prosthetics—A Colorimetric Study*, by R.P. van Oort, Reviewed by Bergen, S.F., **8**, 199 (1983)
 Use of Colors in Hospitals (Meeting Report), Billmeyer, F.W., Jr., **6**, 175 (1981)
 What Color Reveals: A Therapist's Point of View, Bernardo, J.R., **8**, 5 (1983)

History

A Life for Color with Color, Kuehni, R.G., **9**, 157 (1984)
 The Boswell Effect (?) (Color Forum), Kaiser, P.K., **10**, 186 (1985)
 Color and Human Response, Birren, F., **8**, 75 (1983)
 The Development of Color Metrics, Richter, M., **9**, 69 (1984)
 Development of the 1929 Munsell Book of Color: A Historical Review, Berns, R.S.; Billmeyer, F.W., Jr., **10**, 246 (1985)
 Diffuse Illumination or Collection of Light in Color Measurement and the CIE (Color Forum), MacAdam, D.L., **7**, 124 (1982)
 Discovery of the Composite Nature of White Light (Color Forum), MacAdam, D.L., **8**, 123 (1983)
 Fifty Years of the Inter-Society Color Council. I. Formation and Early Years, Nickerson, D., **7**, 5 (1982)
 The Golden Jubilee of Colour in the CIE 1931–1981, Wright, W.D., **7**, 12 (1982)
 The Helmholtz-Kohlrausch Effect (Color Forum), Kaiser, P.K., **10**, 187 (1985)
 J.C. Le Blon, Discoverer and Developer of the Red-Yellow-Blue Principle of Color Printing and Color Mixture, Birren, F., **6**, 85 (1981)
 Judd and Hardy's Contributions to Color Measurement and Color-Order Systems (Note), MacAdam, D.L., **9**, 170 (1984)
 Notes on Color Terminology in the *Iliad* and the *Epic of Gilgamesh*, Kuehni, R.G., **6**, 233 (1981)
 Review of *Colour, A Study of its Position in the Art Theory of the Quattro- & Cinquecento*, by Jonas Gavel, Reviewed by Kuehni, R.G., **6**, 188 (1981)
 Review of *Colour Vision in the Nineteenth Century*, by Paul D. Sherman, Reviewed by Billmeyer, F.W., Jr., **8**, 265 (1983)
 Review of *History of Color in Painting*, by Faber Birren, Reviewed by Luke, J.T., **6**, 189 (1981)
 Review of *Sources of Color Science*, by MacAdam, D.L., **10**, 189 (1985)
 Trichromatic Theories Before Young, Lang, H., **8**, 221 (1983)
 What the Educated Person Knew About Color A.D. 1700, Kuehni, R.G., **6**, 228 (1981)
 Who Invented the Color Wheel?, Parkhurst, C.; Feller, R.L., **7**, 217 (1982)
 Why Colour Order Systems?, Hesselgren, S., **9**, 220 (1984)

Hungarian Chemical Society

Seventeenth Hungarian Color Symposium (Meeting Report), Schanda, J.D., **6**, 175 (1981)

Illuminants

The Effect of Chromatic Adaptation on Color Rendering, Schanda, J., **6**, 221 (1981)
 Illuminant CD (Color Forum), MacAdam, D.L., **6**, 245 (1981)
 Improved Illuminant CD (Color Forum), MacAdam, D.L., **8**, 121 (1983)
 Interior and Exterior Daylight Illuminants for the Colorimetry of Fluorescent Materials, Clarke, F.J.; McKinnon, R.A., **7**, 257 (1982)

Instruments

Assessment of Color-Measuring Instruments, Billmeyer, F.W., Jr.; Alessi, P.J., **6**, 195 (1981)
 Influence of Spectrophotometer Slits on Tristimulus Calculations, Stearns, E.I., **6**, 78 (1981)
 Letter to the Editor, Erb, W., **7**, 246 (1982)
 A Method for Improving the Accuracy of Tristimulus Colorimeters, Erb, W.; Krystek, M.; Budde, W., **9**, 84 (1984)
 A Mobile Spectrophotometer for Art Conservation, Wright, W.D., **6**, 70 (1981)
 A New Colour-Perception Lantern, Holmes, J.G.; Wright, W.D., **7**, 82 (1982)
 The Photometry of Retroreflectors Using a Computer-Controlled Four-Axis Goniometer, Johnson, N.L., **7**, 319 (1982)
 Proposed Standards for the NBS Retroreflection MAP, Eckerle, K.L.; Hsia, J.J., **7**, 235 (1982)
 Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., **6**, 185 (1981)

ISCC

Conference on Color & Imaging, Williamsburg, Virginia Feb. 12–15, 1984 (Meeting Report), Zwick, D., **9**, 182 (1984)
 Fifty Years of the Inter-Society Color Council. I. Formation and Early Years, Nickerson, D., **7**, 5 (1982)
 ISCC 1982 Annual Meeting and ISCC-SID Symposium on Colorimetry of Self-Luminous Displays (Meeting Reports), Webber, T.G.; Billmeyer, F.W., Jr., **8**, 125 (1983)
 ISCC Presents Awards, Elects Directors, **10**, 255 (1985)
 The 1981 ISCC Williamsburg Conference (Meeting Report), Webber, T.G., **6**, 3 (1981)
 1983 Annual Meeting (Meeting Report), Alman, D.H., **8**, 232 (1983)
 1984 Annual Meeting of the Inter-Society Color Council (Meeting Report), Hammond, H.K., III; Billmeyer, F.W., Jr., **10**, 50 (1985)
 A Report on the 1981 ISCC Williamsburg Color Conference (Meeting Report), Schwartz, B., **6**, 178 (1981)

Lighting

COLOR '80 Plovdiv (Meeting Report), Schanda, J.D., **6**, 176 (1981)
 Review of *Color Science for Lighting the Stage*, by William B. Warfel and Walter R. Klappert, Reviewed by Grum, F., **8**, 132 (1983)
 Review of *IES Lighting Handbooks, 1981 Reference Volume and 1981 Applications Volume*, by John E. Kaufman, Reviewed by Billmeyer, F.W., Jr., **6**, 253 (1981)

Measurement

Absolute Spectral Reflectance of Mirrors, Grum, F., Wightman, T., **8**, 40 (1983)
 Adjustment Method of Fluorescent Sample Measurement (Note), Billmeyer, F.W., Jr.; Chen, Y., **9**, 175 (1984)
 Assessment of Color-Measuring Instruments, Billmeyer, F.W., Jr.; Alessi, P.J., **6**, 195 (1981)
 Calibration in 1976 and 1983 of Didymium Glass Filters Issued as NBS Standard Reference Materials, Eckerle, K.L.; Chang, S.; Hsia, J.J., **10**, 32 (1983)
 Colorimetry and its Accuracy in the Measurement of Fluorescent Materials by the Two-Monochromator Method, Minato, H.; Nanjo, M.; Nayatani, Y., **10**, 84 (1985)
 Daytime Colorimetry of Retroreflective Materials, Terstiege, H., **7**, 307 (1982)

Definition, Measurement, and Use of the Spectral Coefficient of Retroreflection, Rennison, J.J., 7, 33 (1982)

Diffuse Illumination or Collection of Light in Color Measurement and the CIE (Color Forum), MacAdam, D.L., 7, 124 (1982)

Errors in Spectrophotometry and Colorimetry of Fluorescent Samples Caused by Polarization of the Measuring System, Minato, H.; Nanjo, M.; Nayatani, Y., 8, 238 (1983)

Face Colour as a Sign of Tuberculosis (Note), Pearson C.A., 7, 31 (1982)

Geometrical Alignment Errors in the Measurement of Prismatic Retroreflectors, Eckerle, K.L.; Hsia, J.J.; Liggett, W.S., Jr., 9, 23 (1984)

Influence of Spectrophotometer Slits on Tristimulus Calculations, Stearns, E.I., 6, 78 (1981)

International Intercomparison of Absolute Reflectance Scales, Budde, W.; Erb, W.; Hsia, J.J., 7, 24 (1982)

Judd and Hardy's Contributions to Color Measurement and Color-Order Systems (Note), MacAdam, D.L., 9, 170 (1984)

Letter to the Editor, Erb, W., 7, 246 (1982)

Low-Reflectance Backing Materials for Use in Optical Radiation Measurement, Wightman, T.E.; Grum, F., 6, 139 (1981)

A Method for Improving the Accuracy of Tristimulus Colorimeters, Erb, W.; Krystek, M.; Budde, W., 9, 84 (1984)

On the Measurement of Haze, Billmeyer, F.W., Jr.; Chen, Y., 10, 219 (1985)

A Mobile Spectrophotometer for Art Conservation, Wright, W.D., 6, 70 (1981)

Monte-Carlo Study of Errors in the Tristimulus Colorimetry of White Papers, Sève, R., 9, 89 (1984)

A National Standardization Program for Spectrophotometry (Color Forum), Billmeyer, F.W., Jr., 8, 182 (1983)

The Photometry of Retroreflectors Using a Computer-Controlled Four-Axis Goniometer, Johnson, N.L., 7, 319 (1982)

Proposal for Measuring Fluorescent Samples in Integrating-Sphere Spectrophotometers Using a Compensation Filter (Color Forum), Billmeyer, F.W., Jr.; Chen, Y., 9, 187 (1984)

Proposed Standards for the NBS Retroreflection MAP, Eckerle, K.L.; Hsia, J.J., 7, 235 (1982)

Review of *Color Measurement, Theme and Variations*, by D.L. MacAdam, Reviewed by Hunter, R.S., 8, 131 (1983)

Review of *Color Measurement: Theme and Variations* by D.L. MacAdam, Reviewed by Robertson, A.R., 8, 198 (1983)

Review of *Colour, Its Measurement, Computation and Application*, by G.J. Chamberlain and D.G. Chamberlain, Reviewed by Hammond, H.K. III, 6, 187 (1981)

Review of *Colour—Its Measurement, Computation and Application*, by G.J. Chamberlain and D.B. Chamberlain, Reviewed by Davidson, S.L., 8, 130 (1983)

Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., 6, 185 (1981)

Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, Reviewed by Davidson, S.L., 7, 275 (1982)

Review of *The Colour Science of Dyes and Pigments* by Keith McLaren; Reviewed by Voke, J., 10, 53 (1985); Reviewed by Webber, T.G., 10, 54 (1985)

Some Simple Statistics for Use in Spectrophotometry and Colorimetry (Color Forum), Derby, R.E., Jr., 7, 123 (1982)

A Standards Program for Color Control (Industrial Note), Fairman, H.S., 6, 5 (1981)

The Thermochromic Properties of the Ceramic Colour Standards, Compton, J.A., 9, 15 (1984)

Metamerism

Comparison of Methods for Assessing Observer Metamerism, Nayatani, Y.; Hashimoto, K.; Takahama, K.; Sobagaki, H., 10, 147 (1985)

Critical Review of Definitions of Metamerism (Color Forum), Robertson A.R., 8, 189 (1983)

Formulation of a Standard Deviate Observer by a Nonlinear Optimization Technique, Ohta, N., 10, 156 (1985)

Letter to the Editor, Pointer, M.R., 9, 83 (1984)

Metamerism, Exact and Approximate (Color Forum), Kuehni, R.G., 8, 192 (1983)

A Proposal of New Standard Deviate Observers, Nayatani, Y.; Takahama, K.; Sobagaki, H., 8, 47 (1983)

Proposed Indices of Metamerism with Constant Chromatic Adaptation (Color Forum), Berns, R.S.; Billmeyer, F.W., Jr., 8, 186 (1983)

Proposed New Terminology for Metamerism (Color Forum), Billmeyer, F.W., Jr., 8, 192 (1983)

A Simplified Method for Formulating Pseudo-Object Colors, Ohta, N., 7, 78 (1982)

Munsell system

Development of the 1929 Munsell Book of Color: A Historical Review, Berns, R.S.; Billmeyer, F.W., Jr., 10, 246 (1985)

Face Colour as a Sign of Tuberculosis, Pearson, C.A., 7, 31 (1982)

Methods for Generating Spectral Reflectance Functions Leading to Color-Constant Properties, Berns, R.S.; Billmeyer, F.W., Jr.; Sacher, R.S., 10, 73 (1985)

Multidimensional Mapping of 178 Munsell Colors, Indow, T.; Aoki, N., 8, 145 (1983)

OSA Uniform Color Scale Samples: A Unique Set, Nickerson, D., 6, 7 (1981)

Review of *Chroma Cosmos 5000* by Japan Color Research Institute, Reviewed by Kelly, K.L., 6, 59 (1981)

Review of *Chromat 707* by Japan Color Research Institute, Reviewed by Birren, F., 8, 262 (1983)

Simulation of Colored Illumination (Note), Luke, J.T., 9, 153 (1984)

Natural Color System

NCS-Natural Color System: A Swedish Standard for Color Notation, Hård, A.; Sivik, L., 6, 129 (1981)

Neurobiology

Chromatic Properties of Bipolar Cells in the Carp Retina, Sakakibara, M.; Mitarai, G., 7, 178 (1982)

Color Information Coding of Horizontal-Cell Responses in Fish Retina, Fukurotani, K., 7, 146 (1982)

Effects of GABA Antagonists on Spectral Responses of Horizontal Cells in the Carp Retina, Shimoda, Y.; Miyachi, E.-I.; Watanabe, S.-I.; Murakami, M., 7, 149 (1982)

Human Late-Receptor Potential and its Clinical Use in Dyschromatopsia, Kawasaki, K.; Yonemura, D.; Tanabe, J.; Nakazato, H.; Kawaguchi, I.; Shirao, Y., 7, 164 (1982)

The Neural Organization of Primate Color Vision, Gouras, P.; Zrenner, E., 7, 205 (1982)

New Observations Concerning Red-Green Color Defects, Pokorny, J.; Smith, V.C., 7, 159 (1982)

Recent Results from Single-Cell Microspectrophotometry: Cone Pigments in Frog, Fish, and Monkey, Hárosi, F.I., 7, 135 (1982)

Retinal Neurotransmitters, Morphology, and Color Coding, Marc, R.E., 7, 155 (1982)

The Role of L-Type Horizontal Cells in the Opponent-Color Process, Toyoda, J.; Kujiraoka, T.; Fujimoto, M., 7, 152 (1982)

Spatial Organization of Retinal Ganglion Cells in Turtle, *Pseudemys*, Granda, A.M.; Fulbrook, J.E., 7, 173 (1982)

Spectral Properties of the Second-Order Neurons in the Dace Retina, Hashimoto, Y.; Abe, M.; Inokuchi, M., 7, 182 (1982)

Obituary

Davidson, S. Leonard (Necrology), 10, 4 (1985)

Nickerson, Dorothy (Necrology), 10, 68 (1985)

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Observers

A Better Colorimetric Standard Observer for Color-Vision Studies: The Stiles and Burch 2° Color-Matching Functions, Estévez, O., 7, 131 (1982)

Comparison of Methods for Assessing Observer Metamerism, Nayatani, Y.; Hashimoto, K.; Takahama, K.; Sobagaki, H., 10, 147 (1985)

Formulation of a Standard Deviate Observer by a Nonlinear Optimization Technique, Ohta, N., 10, 156 (1985)

Prediction of Observer Variation in Estimating Colorimetric Values, Takahama, K.; Sobagaki, H.; Nayatani, Y., 10, 106 (1985)

The Golden Jubilee of Colour in the CIE 1931-1981, Wright, W.D., 7, 12 (1982)

A Proposal of New Standard Deviate Observers, Nayatani, Y.; Takahama, K.; Sobagaki, H., 8, 47 (1983)

OSA color system

Color Scales in Simulated Daylight, MacAdam, D.L., 6, 53 (1981)
Formulations for the OSA Uniform Color Scales Committee Samples, Davidson, H.R., 6, 38 (1981)
On the Geometry of the OSA Uniform Color Scales Committee Space (Note), Billmeyer, F.W., Jr., 6, 34 (1981)
OSA Uniform Color Scale Samples: A Unique Set, Nickerson, D., 6, 7 (1981)
Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), Ingalls, R.; Ingalls, M.D., 6, 37 (1981)
Simulation of Colored Illumination (Note), Luke, J.T., 9, 153 (1984)

Ostwald color system

A Life for Color with Color, Kuehni, R.G., 9, 157 (1984)
Simulation of Colored Illumination in Painting Using the Ostwald System, Thomas, H., 9, 147 (1984)

Photography

Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), Ingalls, R.; Ingalls, M.D., 6, 37 (1981)

Physiology

Physiological Response to Color; A Critical Review, Kaiser, P.K., 9, 29 (1984)
Recent Results from Single-Cell Microspectrophotometry: Cone Pigments in Frog, Fish, and Monkey, Hårosi, F.I., 7, 135 (1982)
Retinal Neurotransmitters, Morphology, and Color Coding, Marc, R.E., 7, 155 (1982)
The Role of L-Type Horizontal Cells in the Opponent-Color Process, Toyoda, J.; Kujiraoka, T.; Fujimoto, M., 7, 152 (1982)
Spatial Organization of Retinal Ganglion Cells in Turtle, *Pseudemys*, Granda, A.M.; Fulbrook, J.E., 7, 173 (1982)

Psychology

The Aim and Method of the Color Image Scale, Kobayashi, S., 6, 93 (1981)
Color and Human Response, Birren, F., 8, 75 (1983)
Nonvisual Color Perception: A Critical Review, Kaiser, P.K., 8, 137 (1983)
Phototherapy Using Chromatic, White, and Ultraviolet Light, Kaiser, P.K., 9, 195 (1984)
Physiological Response to Color; A Critical Review, Kaiser, P.K., 9, 29 (1984)
Review of *Color*, edited by Helen Varney, Reviewed by Billmeyer, F.W., Jr., 6, 188 (1981)
Review of *The Spirit of Colors: The Art of Karl Gerstner*, H. Stierlin, Ed., Reviewed by Kuehni, R.G., 7, 276 (1982)
What Color Reveals: A Therapist's Point of View, Bernardo, J.R., 8, 5 (1983)

Psychophysics

Additivity Failure of Chromatic Valence in the Opponent-Color Theory, Ikeda, M.; Ayama, M.; Ohmi, M., 7, 197 (1982)
The Appearance of Colors Produced by a Minimum-Energy Stimulus and Two Pairs of Fundamental Colors, Hasegawa, T., 7, 201 (1982)
Color-Match Changes between the Fovea and the Perifovea, Viénot, F., 8, 215 (1983)
Color-Matching Functions: A Set of Transformations with Essentially Single Maximums, Gibson, G.L., 6, 143 (1981)
Differences of Unique-Yellow Loci between Individuals, Akita, M.; Ejima, Y.; Takahashi, S., 7, 168 (1982)
The Estimation of Cone Spectral Sensitivities, MacLeod, D.I.A., 7, 142 (1982)
The Future of Color Science, Robertson, A.R., 7, 16 (1982)
A Model of Colour Vision for Predicting Colour Appearance, Hunt, R.W.G., 7, 95 (1982)
A Model of Colour Vision for Predicting Colour Appearance, Erratum: Hunt, R.W.G., 7, 306 (1982)
Nonlinear Nature of the Opponent-Color Channels, Yaguchi, H.; Ikeda, M., 7, 187 (1982)

Practical Transformations of CIE Color-Matching Functions, Ohta, N., 7, 53 (1982)

Review of *Colour-Its Measurement, Computation and Application*, by G.J. Chamberlain and D.B. Chamberlain, Reviewed by Davidson, S.L., 8, 130 (1983)

Saturation as Function of Test-Field Size and Surround Luminance, Troscianko, T.S., 7, 89 (1982)

The Transformation from Cone to Channel Sensitivities, Ingling, C.R., Jr., 7, 191 (1982)

Radiometry and photometry

Brightness of Colored Self-Luminous Displays, Kinney, J.S., 8, 82 (1983)

Letter to the Editor, Schanda, J.D., 6, 174 (1981)

Luminance and Saturation of Equally Bright Colors, Uchikawa, K.; Uchikawa, H.; Kaiser, P.K., 9, 5 (1984)

Luminosity as a Color-Matching Function (Color Forum), MacAdam, D.L., 8, 121 (1983)

Review of *National Bureau of Standards (NBS) Self-Study Manual On Optical Radiation Measurements*, by Fred Nicodemus, Reviewed by Nicodemus, F.E., 10, 55 (1985)

Review of *Optical Radiation Measurements. Volume 1: Radiometry*, by Franc Grum and Richard J. Becherer, Reviewed by Billmeyer, F.W., Jr., 6, 184 (1981)

Use of Retroreflectors in the Improvement of Nighttime Highway Visibility, Woltman, H., 7, 248 (1982)

Reference

Review of *Color Science: Concepts and Methods, Quantitative Data and Formulae*, 2nd ed., by Gunter Wyszecki and W.S. Stiles, Reviewed by Billmeyer, F.W., Jr., 8, 262 (1983)

Review of *Color Science Handbook: New Version*, by Color Science Association of Japan, Reviewed by Indow, T., 6, 123 (1981)

Review of *Glossary of Color Terms*, compiled by FSCT Inter-Society Color Council Committee, Reviewed by Sherman, C.J., 8, 132 (1983)

Review of *IES Lighting Handbooks, 1981 Reference Volume and 1981 Applications Volume*, by John E. Kaufman, Reviewed by Billmeyer, F.W., Jr., 6, 253 (1981)

Reproduction

Chromatic Adaptation in Image Reproduction, Hunt, R.W.G., 7, 46 (1982)

CIELUV/CIELAB and Self-Luminous Displays: Another Perspective (Color Forum), Post, D.L., 9, 244 (1984)

CIE L*^a*^b*^v Color-Difference Equations for Self-Luminous Displays (Color Forum), Carter, R.C.; Carter, E.C., 8, 252 (1983)

Greyness of Process Colors, Gray, R.H., 8, 43 (1983)

J.C. Le Blon, Discoverer and Developer of the Red-Yellow-Blue Principle of Color Printing and Color Mixture, Birren, F., 6, 85 (1981)

Letter to the Editor, Ingalls, M., 6, 119 (1981)

Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), Ingalls, R.; Ingalls, M.D., 6, 37 (1981)

Review of *Color Atlas: A Practical Guide for Color Mixing*, by Harald Kueppers, Reviewed by Luke, J.T., 8, 123 (1983)

Review of *Color in Reproduction*, by Hilda Simon, Reviewed by Billmeyer, F.W., Jr., 6, 122 (1981)

Review of *Coloritto*, by J.C. Le Blon, Reviewed by Rhodes, W.L., 6, 121 (1981)

Review of *Lasers in Graphics, 1982 Conference Proceeding, Vol I, Electronic Publishing Overview and Subsystems; Vol. II, Electronic Page and Signature Make-up*, edited by S. Thomas Dunn, Reviewed by Southworth, M., 9, 62 (1984)

Retroreflection

Applying the CIE Retroreflectance Geometry, Venable, W. H., Jr., 7, 311 (1982)

CIE Activities in the Measurement of Retroreflection, Moerman, J.J.B., 7, 231 (1982)

Daytime Colorimetry of Retroreflective Materials, Terstiege, H., 7, 307 (1982)

Definition, Measurement, and Use of the Spectral Coefficient of Retroreflection, Rennison, J.J., 7, 315 (1982)

Geometrical Alignment Errors in the Measurement of Prismatic Retroreflectors, Eckerle, K.L.; Hsia, J.J.; Liggett, W.S., Jr., **9**, 23 (1984)

The Photometry of Retroreflectors Using a Computer-Controlled Four-Axis Goniometer, Johnson, N.L., **7**, 319 (1982)

Proposed Standards for the NBS Retroreflector MAP, Eckerle, K.L.; Hsia, J.J., **7**, 235 (1982)

Use of Retroreflectors in the Improvement of Nighttime Highway Visibility, Woltman, H., **7**, 248 (1982)

Sources

Discovery of the Composite Nature of White Light (Color Forum), MacAdam, D.L., **8**, 123 (1983)

Letter to the Editor, Authors Reply to Schanda, Ronchi, L.R., **6**, 174 (1981)

Letter to the Editor, Schanda, J.D., **6**, 174 (1981)

Redetermination of CIE Standard Source C, Billmeyer, F.W., Jr., Gerrity, E.A., **8**, 90 (1983)

Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, Reviewed by Carter, E.C., **6**, 185 (1981)

Visual Evaluation of Daylight Simulators for the Colorimetry of Luminescent Materials, Chong, T-F.; Billmeyer, F.W., Jr., **6**, 213 (1981)

SPE

SPE Conference on Pigments for Plastics (Meeting Report), Longley, W.V., **8**, 58 (1983)

Standards

Calibration in 1976 and 1983 of Didymium Glass Filters Issued as NBS Standard Reference Materials, Eckerle, K.L.; Chang, S.; Hsia, J.J., **10**, 32 (1985)

Color Samples for Colorimetric Fidelity Testing in Television, Hisdal, B., **10**, 230 (1985)

Fluorescent Standards, Grum, F., **7**, 253 (1982)

International Intercomparison of Absolute Reflectance Scales, Budde, W.; Erb, W.; Hsia, J.J., **7**, 24 (1982)

A National Standardization Program for Spectrophotometry (Color Forum), Billmeyer, F.W. Jr., **8**, 182 (1983)

NCS-Natural Color System: A Swedish Standard for Color Notation, Hård, A.; Sivik, L., **6**, 129 (1981)

OSA Uniform Color Scale Samples: A Unique Set, Nickerson, D., **6**, 7 (1981)

Proposed Standards for the NBS Retroreflector MAP, Eckerle, K.L.; Hsia, J.J., **7**, 235 (1982)

Review of *ASTM Standards on Color and Appearance Measurement* by Richard S. Hunter, Reviewed by Billmeyer, F.W., Jr., **10**, 122 (1985)

A Standards Program for Color Control (Industrial Note), Fairman, H.S., **6**, 5 (1981)

The Thermochromic Properties of the Ceramic Colour Standards, Compton, J.A., **9**, 15 (1984)

Styling

Further Study of Color Preferences with and without a Context (Note), Saito, T., **9**, 121 (1984)

Latent Spaces of Color Preferences With and Without a Context: Using the Shape of an Automobile as the Context (Erratum), Saito, T., **8**, 214 (1983)

Latent Spaces of Color Preference With and Without a Context: Using the Shape of an Automobile as the Context, Saito, T., **8**, 101 (1983)

Letter to the Editor: Authors Reply to Longley, Saito, T., **8**, 257 (1983)

Letter to the Editor, Longley, W.V., **8**, 257 (1983)

Television

CIE $L^*u^*v^*$ Color-Difference Equations for Self-Luminous Displays (Color Forum), Carter, R.C.; Carter, E.C., **8**, 252 (1983)

CIELUV/CIELAB and Self-Luminous Displays: Another Perspective (Color Forum), Post, D.L., **9**, 244 (1984)

Color Samples for Colorimetric Fidelity Testing in Television, Hisdal, B., **10**, 230 (1985)

Terminology

Critical Review of Definitions of Metamerism (Color Forum), Robertson A.R., **8**, 189 (1983)

Metamerism, Exact and Approximate (Color Forum), Kuehni, R.G., **8**, 192 (1983)

Proposed New Terminology for Metamerism (Color Forum), Billmeyer, F.W., Jr., **8**, 192 (1983)

Turbid media

Kubelka-Munk Analysis of Absorptance in the Presence of Scattering, Including Surface Reflection Correction To Transmittance, Shah, H.S.; Billmeyer, F.W., Jr., **10**, 26 (1985)

Simplified Method of Calculating Legendre Coefficients for Computing Optical Properties of Colorants, Mehta, K.T.; Shah, H.S., **10**, 98 (1985)

Theoretical and Practical Aspects of Selected Fiber-Blend Color Formulation Functions, Burlone, D., **9**, 213 (1984)

Vision testing

Differences of Unique-Yellow Loci between Individuals, Akita, M.; Ejima, Y.; Takahashi, S., **7**, 168 (1982)

A New Colour-Perception Lantern, Holmes, J.G.; Wright, W.D., **7**, 82 (1982)

New Observations Concerning Red-Green Color Defects, Pokorny, J.; Smith, V.C., **7**, 159 (1982)

Whiteness

CIE Proposal for Study of Whiteness Formulae (News), **6**, 107 (1981)

Color Conferences in the People's Republic of China (Meeting Report), **9**, 126 (1984)

Monte-Carlo Study of Errors in the Tristimulus Colorimetry of White Papers, Sève, R., **9**, 89 (1984)

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—; Setting Up Acceptability Tolerances: A Case Study, **9**, 37 (1984)

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—; 1983 ISCC Annual Meeting (Meeting Report), **8**, 232 (1983)

—; Reader Survey Results (Editorial), **10**, 69 (1985)

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—; Textile Color Application Processes, **8**, 205 (1983)

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—; Chromatic Adaptation and Persistence, **6**, 153 (1981)

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—; ATDN: Toward a Uniform Color Space, **9**, 133 (1984)

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—; The Real Value of a TiO_2 Pigment (Industrial Note) **9**, 98 (1984)

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—; Review of Skin Color and Facial Prosthetics—A Colorimetric Study, by R.P. van Oort, **8**, 199 (1983)

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—; What Color Reveals: A Therapist's Point of View, **8**, 5 (1983)

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—; Development of the 1929 Munsell Book of Color: A Historical Review, **10**, 246 (1985)

—; Methods for Generating Spectral Reflectance Functions Leading to Color-Constant Properties, **10**, 73 (1985)

—; Proposed Indices of Metamerism with Constant Chromatic Adaptation (Color Forum), **8**, 186 (1983)

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—; Adjustment Method of Fluorescent Sample Measurement (Note), **9**, 175 (1984)

—; Assessment of Color-Measuring Instruments, **6**, 195 (1981)

- CORM 81 Conference on Optical Radiation Measurement of Fluorescent and Retroreflective Materials (Meeting Report), 6, 256 (1981)
- ; Energy Transfer between Fluorescent Organic Pigments, 8, 12 (1983)
- Forsius Symposium on Colour Order Systems (Meeting Report), 8, 235 (1983)
- On the Geometry of the OSA Uniform Color Scales Committee Space (Note), 6, 34 (1981)
- Golden Jubilee of Colour in the CIE, 1931-1981, London, September 28-29, 1981 (Meeting Report), 7, 338 (1982)
- ; Identification of Organic Pigments by Solution Spectrophotometry, 7, 327 (1982)
- ISCC 1982 Annual Meeting and ISCC-SID Symposium on Colorimetry of Self-Luminous Displays (Meeting Reports), 8, 125 (1983)
- Letter to Editor, Authors Reply to Chesterton, 9, 246 (1984)
- ; On the Measurement of Haze, 10, 219 (1985)
- A National Standardization Program for Spectrophotometry (Color Forum), 8, 182 (1983)
- Proposal for Measuring Fluorescent Samples in Integrating-Sphere Spectrophotometers Using a Compensation Filter (Color Forum), 9, 187 (1984)
- Proposed New Terminology for Metamerism (Color Forum), 8, 192 (1983)
- ; Redetermination of CIE Standard Source C, 8, 90 (1983)
- Review of *ASTM Standards on Color and Appearance Measurement* by Richard S. Hunter, 10, 122 (1985)
- Review of *Color*, edited by Helen Varney, 6, 188 (1981)
- Review of *Color in Reproduction*, by Hilda Simon, 6, 122 (1981)
- Review of *Color Science: Concepts and Methods, Quantitative Data and Formulae*, 2nd ed., by Gunter Wyszecki and W.S. Stiles, 8, 262 (1983)
- Review of *Colour Vision in the Nineteenth Century*, by Paul D. Sherman, 8, 265 (1983)
- Review of *IES Lighting Handbooks, 1981 Reference Volume and 1981 Applications Volume*, by John E. Kaufman, 6, 253 (1981)
- Review of *Optical Radiation Measurements. Volume 1: Radiometry*, by Franc Grum and Richard J. Becherer, 6, 184 (1981)
- 20th Congress, Amsterdam, Sept. 1983 (Meeting Report), 9, 265 (1983)
- Use of Colors in Hospitals (Meeting Report), 6, 175 (1981)
- Birren, F.**
 - Color and Human Response, 8, 75 (1983)
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 - Science and Art, Objective and Subjective (Color Forum), 10, 180 (1985)
 - Review of *Chromaton 707* by Japan Color Research Institute, 8, 262 (1983)
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 - Photochemical and Thermal Stability of Amaranth (FD&C Red No. 2) in Aqueous Media (Note), 10, 41 (1985)
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 - ; A Flaw in Equations for Predicting Chromatic Differences, 8, 69 (1983)
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 - Light, Color, and Poetry, 8, 247 (1983)
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 - Theoretical and Practical Aspects of Selected Fiber-Blend Color Formulation Functions, 9, 213 (1984)
 - Formulation of Blends of Precolored Nylon Fiber (Industrial Note), 8, 114 (1983)
- Burton, C.M.**
 - Review of *The Art of Interior Design* by Victoria Kloss Ball, 9, 251 (1984)
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 - Review of *Color: Essence & Logic* by Rolf G. Kuehni, 9, 252 (1984)
 - Review of *Optical Radiation Measurements. Volume 2: Color Measurement*, edited by Franc Grum and C. James Bartleson, 6, 185 (1981)
 - Review of *The Golden Jubilee of Colour in the CIE*, by The Society of Dyers and Colourists, 7, 334 (1982)
- Carter, R.C.**
 - CIE L*uv* Color-Difference Equations for Self-Luminous Displays (Color Forum), 8, 252 (1983)
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 - ; Interior and Exterior Daylight Illuminants for the Colorimetry of Fluorescent Materials, 7, 257 (1982)
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 - Formulations for the OSA Uniform Color Scales Committee Samples, 6, 38 (1981)
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 - Review of *Color Science and Dental Art—A Self Teaching Program*, by Jack D. Preston and Stephen F. Bergen, 8, 129 (1983)
 - Review of *Color Observed*, by Enid Verity, 8, 130 (1983)
 - Review of *Colors from the Earth—The Artist's Guide to Collecting, Preparing and Using Them*, by Anne Wall Thomas, 8, 130 (1983)
 - Review of *Colour—Its Measurement, Computation and Application*, by G.J. Chamberlain and D.B. Chamberlain, 8, 130 (1983)
 - Review of *Lights and Pigments—Colour Principles for Artists*, by Ray Osborn, 8, 130 (1983)
 - Review of *Manual Art*, by Frank Rosenow, 8, 130 (1983)
 - Review of *Notes on Graphic Design and Visual Communication*, by Greg Berryman, 8, 131 (1983)
 - Review of *Principles of Color Technology*, 2nd ed., by Fred W. Billmeyer, Jr., and Max Saltzman, 7, 123 (1982)
- Derby, R.E., Jr.**
 - Some Simple Statistics for Use in Spectrophotometry and Colorimetry (Color Forum), 7, 123 (1982)
- Döring, G., see Witt, K.**
- Eckerle, K.L.**
 - ; Calibration in 1976 and 1983 of Didymium Glass Filters Issued as NBS Standard Reference Materials, 10, 32 (1985)
 - ; Geometrical Alignment Errors in the Measurement of Prismatic Retroreflectors, 9, 23 (1984)
 - ; Proposed Standards for the NBS Retroreflection MAP, 7, 235 (1982)
 - ; Truncation Error in Colorimetric Computations, 8, 17 (1983)
 - ; A Method for Improving the Accuracy of Tristimulus Colorimeters, 9, 84 (1984)
 - ; A Better Colorimetric Standard Observer for Color-Vision Studies: The Stiles and Burch 2° Color-Matching Functions, 7, 131 (1982)
- Fairman, H.S.**
 - Analytical Versus Numerical Integration in Tristimulus Calculations, 8, 245 (1983)
 - The Calculation of Weight Factors for Tristimulus Integration, 10, 199 (1985)
 - A Standards Program for Color Control (Industrial Note), 6, 5 (1981)
- Feller, R.L., see Parkhurst, C.**

Fry, G.A.
—The Distimulus Method of Assessing Luminous Efficiency of the Spectrally Pure Stimuli, 9, 142 (1984)

Fuchida, T., see Mori, L.

—; Comparison of Correcting Methods for Chromatic Adaptation Used for Color-Rendering Specification, 7, 294 (1982)

—; Matching Large Color Differences with Achromatic and Chromatic Surrounds, 10, 92 (1985)

Fujimoto, M., see Toyoda, J.

Fukuda, T.

—Fourteenth Annual Meeting of the Color Science Association of Japan (Meeting Report), 9, 125 (1984)

Fukurotani, K.

—Color Information Coding of Horizontal-Cell Responses in Fish Retina, 7, 146 (1982)

Fulbrook, J.E., see Granda, A.M.

Genshaw, M.A.
—Color Aspects of Reagents Used Visually in Clinical Analysis, 10, 235 (1985)

Gerrity, E.A., see Billmeyer, F.W., Jr.

Gibson, G.L.
—Color-Matching Functions: A Set of Transformations with Essentially Single Maximums, 6, 143 (1983)

Gottsegen, M.D.
—Letter to Editor, 10, 59 (1985)

Gouras, P., see also Tomita, T.
—The Neural Organization of Primate Color Vision, 7, 205 (1982)

Granda, A.M.
—Spatial Organization of Retinal Ganglion Cells in Turtle, *Pseudemys*, 7, 173 (1982)

Gray, R.H.
—Greyness of Process Colors, 8, 43 (1983)

Grum, F., see also Wightman, T.E.
—; Absolute Spectral Reflectance of Mirrors, 8, 40 (1983)

—; Fluorescent Standards, 7, 253 (1982)

—Review of *Color Science for Lighting the Stage*, by William B. Warfel and Walter R. Klappert, 8, 132 (1983)

Guth, S.L., see Benzschawel, T.

Hammond, H.K., III
—1984 Annual Meeting of the Inter-Society Color Council (Meeting Report), 10, 50 (1985)

—Review of *Colour, Its Measurement, Computation and Application*, by G.J. Chamberlin and D.G. Chamberlin, 6, 187 (1981)

Harami, E., see Nagy, A.L.

Hård, A.
—; NCS-Natural Color System: A Swedish Standard for Color Notation, 6, 129 (1981)

Hároši, F.I.
—Recent Results from Single-Cell Microspectrophotometry: Cone Pigments in Frog, Fish, and Monkey, 7, 135 (1982)

Hasegawa, T.
—The Appearance of Colors Produced by a Minimum-Energy Stimulus and Two Pairs of Fundamental Colors, 7, 201 (1982)

Hashimoto, K., see Nayatani, Y.

Hashimoto, Y.
—; Spectral Properties of the Second-Order Neurons in the Dace Retina, 7, 182 (1982)

Heiser, D.J.
—Current Regulatory Status of Cadmium Pigments, 6, 237 (1981)

Hepfinger, L., see Billmeyer, F.W., Jr.

Hesselgren, S.
—Why Colour Order Systems?, 9, 220 (1984)

Hirono, J., see Nayatani, Y.

Hisdal, B.
—Color Samples for Colorimetric Fidelity Testing in Television, 10, 230 (1985)

Holmes, J.G.
—; A New Colour-Perception Lantern, 7, 82 (1982)

Hoogeboom, T.J.
—Review of *Coloring of Plastics*, edited by Thomas G. Webber, 6, 186 (1981)

Hsia, J.J., see Budde, W.; Eckerle, K.L.

Hunt, R.W.G.
—; A Colour-Appearance Transform for the CIE 1931 Standard Colorimetric Observer, 10, 165 (1985)

—Model of Colour Vision for Predicting Colour Appearance, 7, 95 (1982)

—Model of Colour Vision for Predicting Colour Appearance, Erratum, 7, 306 (1982)

—Perceptual Factors Affecting Colour Order Systems, 10, 12 (1985)

—Chromatic Adaptation in Image Reproduction, 7, 46 (1982)

Hunter, R.S.
—Review of *Color Measurement, Theme and Variations*, by D.L. MacAdam, 8, 131 (1983)

Ikeda, M., see also Mori, L; Uchikawa, K.; Yaguchi, H.
—; Additivity Failure of Chromatic Valence in the Opponent-Color Theory, 7, 197 (1982)

Indow, T.
—; Multidimensional Mapping of 178 Munsell Colors, 8, 145 (1983)

—Remarks on Filling the Gap between Studies of Two Different Modes of Appearance: Aperture Color and Object Color, 7, 209 (1982)

—Review of *Color Science Handbook: New Version*, by Color Science Association of Japan, T., 6, 123 (1981)

Ingalls, M., see also Ingalls, R.
—Letter to the Editor, 6, 119 (1981)

Ingalls, R.
—; Reproduction of Four Selected Cleavage Planes Through OSA Uniform Color Scales Space (Note), 6, 37 (1981)

Ingling, C.R., Jr.
—The Transformation from Cone to Channel Sensitivities, 7, 191 (1982)

Inokuchi, M., see Hashimoto, Y.

Johnson, N.L.
—The Photometry of Retroreflectors Using a Computer-Controlled Four-Axis Goniometer, 7, 319 (1982)

Kaiser, P.K., see also Uchikawa, H.
—The Boswell Effect (?) (Color Forum), 10, 186 (1985)

—Color vision: An International Conference (Meeting Report), 8, 166 (1983)

—The Helmholtz-Kohlrausch Effect (Color Forum), 10, 187 (1985)

—Nonvisual Color Perception: A Critical Review, 8, 137 (1983)

—Phototherapy Using Chromatic, White, and Ultraviolet Light, 9, 195 (1984)

—Physiological Response to Color: A Critical Review, 9, 29 (1984)

—Review of *The Senses*, edited by H.B. Barlow and J.D. Mollon, 9, 127 (1984)

Kawaguchi, I., see Kawasaki, K.

Kawasaki, K.
—; Human Late-Receptor Potential and its Clinical Use in Dyschromatopsia, 7, 164 (1982)

Kelley, K.L.
—Review of *Chroma Cosmos 5000* by Japan Color Research Institute, 6, 59 (1981)

Kinney, J.S.
—Brightness of Colored Self-Luminous Displays, 8, 82 (1983)

Kobayashi, S.
—The Aim and Method of the Color Image Scale, 6, 93 (1981)

Krystek, M., see also Erb, W.
—An Algorithm to Calculate Correlated Colour Temperature, 10, 38 (1985)

Kuehni, R.G.
—Advances in Color-Difference Formulas, 7, 19 (1984)

—A Life for Color with Color, 9, 157 (1984)

—Metamerism, Exact and Approximate (Color Forum), 8, 192 (1983)

—Notes on Color Terminology in the *Iliad* and the *Epic of Gilgamesh*, 6, 233 (1981)

—Review of *Colour, A Study of its Position in the Art Theory of the Quattro- & Cinquecento*, by Jonas Gavel, 6, 188 (1981)

—Review of *The Spirit of Colors: The Art of Karl Gerstner*, H. Stierlin, Ed., 7, 276 (1982)

—What the Educated Person Knew About Color A.D. 1700 6, 228 (1981)

Kujiraoka, T., see Toyoda, J.

Kurioka, Y.

- Eleventh Conference of the Color Science Association of Japan (Meeting Report), 6, 69 (1981)
- Twelfth Conference of the Color Science Association of Japan (Meeting Report), 7, 126 (1983)
- Thirteenth Conference of the Color Science Association of Japan (Meeting Report), 8, 126 (1982)

Lang, H.

- Trichromatic Theories Before Young, 8, 221 (1983)

Liggett, W.S., see Eckerle, K.L.

Longley, W.V.

- Color-Matching Performance of Polypropylene Producers (Industrial Note), 7, 119 (1982)
- Letter to the Editor, 8, 257 (1983)
- SPE Conference on Pigments for Plastics (Meeting Report), 8, 58 (1983)

Lozano, R.D.

- Letter to the Editor, 6, 207 (1981)

Luke, J.T.

- Review of *Color Atlas: A Practical Guide for Color Mixing*, by Harald Kueppers, 8, 128 (1983)
- Review of *Color Structure and Design*, by Richard G. Ellinger, 6, 253 (1981)
- Review of *Completing the Picture: Materials and Techniques of Twenty-six Paintings in the Tate Gallery*, by Tate Gallery Publications Department, 8, 263 (1983)
- Review of *History of Color in Painting*, by Faber Birren, 6, 189 (1981)
- Review of *Optical Color and Simultaneity*, by Ellen Marx, 10, 251 (1985)
- Review of *Paint & Painting*, by Tate Gallery Publications Department, 8, 263 (1983)
- Review of *The Basic Law of Color Theory*, by Harald Kueppers, 8, 265 (1983)
- Simulation of Colored Illumination (Note), 9, 153 (1984)

MacAdam, D.L.

- Color Scales in Simulated Daylight, 6, 53 (1981)
- Diffuse Illumination or Collection of Light in Color Measurement and the CIE (Color Forum), 7, 124 (1982)
- Discovery of the Composite Nature of White Light (Color Forum), 8, 123 (1983)
- Illuminant CD (Color Forum), 6, 245 (1981)
- Improved Illuminant CD (Color Forum), 8, 121 (1983)
- Judd and Hardy's Contributions to Color Measurement and Color-Order Systems (Note), 9, 170 (1984)
- Letter to the Editor, 8, 256 (1983)
- Letter to the Editor, 9, 247 (1984)
- Luminosity as a Color-Matching Function (Color Forum), 8, 121 (1983)
- Metric Coefficients for CIE Color-difference Formulas (Note), 10, 45 (1985)
- Review of *Bemerkungen über die Farben* (Remarks on Colour), by Ludwig Wittgenstein, 8, 62 (1983)

MacLeod, D.I.

- The Estimation of Cone Spectral Sensitivities, 7, 142 (1982)
- Third Taniguchi Foundation Symposium on Visual Science: Neurobiological and Psychophysical Aspects of Color Vision, 6, 247 (1981)

Makow, D.

- Canadian Society for Color (Meeting Report), 8, 57 (1983)

Marc, R.E.

- Retinal Neurotransmitters, Morphology, and Color Coding, 7, 155 (1982)

Massof, R.W.

- Color-Vision Theory and Linear Models of Color Vision, 10, 133 (1985)

McCamy, C.S.

- Physical Exemplification of Color Order Systems, 10, 20 (1985)

McKinnon, R.A., see Clarke, F.J.J.

McLaren, K.

- ; The Derivation of Hue-Difference Terms from CIELAB Coordinates, 6, 75 (1981)
- Letter to the Editor, 8, 164 (1983)

—Letter to the Editor, Author's Reply to Ziderman, 10, 258 (1985)

Newton's Indigo, 10, 225 (1985)

Mehta, K.T.

- ; Simplified Method of Calculating Legendre Coefficients for Computing Optical Properties of Colorants, 10, 98 (1985)

Mineault, V.T.

- Review of *Coloring of Plastics*, edited by Thomas G. Webber, 6, 187 (1981)

Minato, H.

- ; Colorimetry and its Accuracy in the Measurement of Fluorescent Materials by the Two-Monochromator Method, 10, 84 (1985)
- ; Errors in Spectrophotometry and Colorimetry of Fluorescent Samples Caused by Polarization of the Measuring System, 8, 238 (1983)

Mishra, S., see Dayte, K.V.

Mitarai, G., see Sakakibara, M.

Miyachi, E.-I., see Shimoda, Y.

Moerman, J.J.B.

- CIE Activities in the Measurement of Retroreflection, 7, 231 (1982)

Mori, L., see Fuchida, T.

- ; Subjective Evaluation of Uniform Color Spaces Used for Color-Rendering Specification, 7, 285 (1982)
- ; The 35th Anniversary and the 15th Annual Meeting of Color Science Association of Japan (Meeting Report), 10, 51 (1985)

Murakami, M., see Shimoda, Y.

Nagy, A.L., see also Boynton, R.M.

- ; Flicker Photometric Sensitivity and Chromatic Adaptation in Color-Deficient and Normal Observers, 9, 206 (1984)
- Review of *Color and Color Vision: Selected Reprints*, edited by Paul L. Pease, 8, 199 (1983)

Nakazato, H., see Kawasaki, K.

Nakumura, S.

- Annual Regional Meeting of the Color Science Association of Japan in the Kansai District (Meeting Report), 9, 243 (1984)

Naman, L.M.S.

- Photochemical and Thermal Stability of Amaranth (FD&C Red No. 2) in Aqueous Media (Note), 10, 41 (1985)

Nanjo, M., see Minato, H.

Navia, A.

- ; Colors of Dope and Yarn of Spun-Dyed Cellulose Acetate (Industrial Note), 8, 23 (1983)

Nayatani, Y., see also Minato, H.; Takahama, K.

- ; A Proposal of New Standard Deviate Observers, 8, 47 (1983)
- ; Comparison of Methods for Assessing Observer Metamerism, 10, 147 (1985)
- ; Formulation of a Nonlinear Model of Chromatic Adaptation, 6, 161 (1981)
- ; On Exponents of a Nonlinear Model of Chromatic Adaptation, 7, 34 (1982)

Nickerson, D.

- Fifty Years of the Inter-Society Color Council. I. Formation and Early Years, 7, 5 (1982)
- OSA Uniform Color Scale Samples: A Unique Set, 6, 7 (1981)

Nicodemus, F.E.

- Review of *National Bureau of Standards (NBS) Self-Study Manual On Optical Radiation Measurements*, by Fred Nicodemus, 10, 55 (1985)

Ohmi, M., see Ikeda, M.

Ohta, N.

- Formulation of a Standard Deviate Observer by a Nonlinear Optimization Technique, 10, 156 (1985)

Orna, M.V.

- Practical Transformations of CIE Color-Matching Functions, 7, 53 (1982)
- A Simplified Method for Formulating Pseudo-Object Colors, 7, 78 (1982)

Olson, C.X., see Boynton, R.M.

Osaka, N.

- Review of *Light and Color in Nature and Art*, by Samuel J. Williamson & Herman Z. Cummins, 10, 123 (1985)
- Review of *The Physics and Chemistry of Color: The Fifteen Causes of Color* by Kurt Nassau, 9, 190 (1984)
- Annual Regional Meeting of the Color Science Association of Japan in the Kansai District (Meeting Report), 8, 234 (1983)

Paffhausen, W., *see* Strocka, D.

Parkhurst, C.
—; Who Invented the Color Wheel?, 7, 217 (1982)

Pearson, C.A.
—Face Colour as a Sign of Tuberculosis (Note), 7, 31 (1982)

Phillips, D.G.
—Color Differences Resulting from Pigment Concentration Errors (Industrial Note), 7, 28 (1982)

Pitea, D., *see* Nava, A.

Pointer, M.R., *see also* Hunt, R.W.G.
—AIC Color 81 Berlin (Meeting Report), 7, 126 (1982)

—Analysis of Colour-Appearance Grids and Chromatic-Adaptation Transforms, 7, 113 (1982)

—A Comparison of the CIE 1976 Colour Spaces, 6, 108 (1981)

—Letter to the Editor, 9, 83 (1984)

Pokorny, J.
—; New Observations Concerning Red-Green Color Defects, 7, 159 (1982)

Post, D.L.
—CIELUV/CIELAB and Self-Luminous Displays: Another Perspective (Color Forum), 9, 244 (1984)

Pridmore, R.W.
—Optimum Color Stimuli in Various Illuminants, 10, 118 (1985)

Puri, K.F., *see* Nagy, A.L.

Rennilson, J.J.
—Definition, Measurement, and Use of the Spectral Coefficient of Retroreflection, 7, 315 (1982)

Rhodes, W.L.
—Review of *Coloritto*, by J.C. Le Blon, 6, 121 (1981)

Rich, D.C.
—Review of *Color Vision*, by Leo M. Hurvich, 7, 275 (1982)

—Review of *Visual Measurements*, edited by C.J. Bartleson and Franc Grum, 10, 188 (1985)

—; Small and Moderate Color Differences. IV. Color-Difference-Perceptibility Ellipses in Surface-Color Space, 8, 31 (1983)

Richter, M.
—The Development of Color Metrics, 9, 69 (1984)

Robertson, A.R.
—Colour Order Systems: An Introductory Review, 9, 234 (1984)

—Critical Review of Definitions of Metamerism (Color Forum), 8, 189 (1983)

—The Future of Color Science, 7, 16 (1982)

—Review of *Color Measurement: Theme and Variations* by D.L. MacAdam, 8, 198 (1983)

Rodewig, W.
—Estimation of Chromaticness of Constant-Luminance Central-Field Colors on a D.5 Surround, 9, 49 (1984)

Ronchi, L.R.
—Letter to the Editor, Authors Reply to Schanda, 6, 174 (1981)

Sacher, R.S., *see* Berns, R.S.

Saito, T.
—Further Study of Color Preferences with and without a Context (Note), 9, 121 (1984)

—Latent Spaces of Color Preferences With and Without a Context: Using the Shape of an Automobile as the Context (Erratum), 8, 214 (1983)

—Latent Spaces of Color Preference With and Without a Context: Using the Shape of an Automobile as the Context, 8, 101 (1983)

—Letter to the Editor: Authors Reply to Longley, 8, 257 (1983)

Sakakibara, M.
—; Chromatic Properties of Bipolar Cells in the Carp Retina, 7, 178 (1982)

Saltzman, M., *see* Billmeyer, F.W., Jr.

Säuve P.-M.
—Natural Dyes in Quebec (Note), 6, 172 (1981)

Schanda, J.
—The Effect of Chromatic Adaptation on Color Rendering, 6, 221 (1981)

—Letter to the Editor, Authors reply to Lozano, 6, 208 (1981)

—COLOR '80 Plovdiv (Meeting Report), 6, 176 (1981)

—Letter to the Editor, 6, 174 (1981)

—Review of *Physical Detectors of Optical Radiation*, by W. Budde, 10, 121 (1985)

—Seventeenth Hungarian Color Symposium (Meeting Report), 6, 175 (1981)

—Tenth International Symposium of the Technical Committee on Photon Detectors, IMEKO TC2 (Meeting Report) 9, 123 (1984)

Schwartz, B.
—A Report on the 1981 ISCC Williamsburg Color Conference (Meeting Report), 6, 178 (1981)

Sève, R.
—Monte-Carlo Study of Errors in the Tristimulus Colorimetry of White Papers, 9, 89 (1984)

Shafer, S.A.
—Using Color to Separate Reflection Components, 10, 210 (1985)

Shah, H.S., *see also* Mehta, K.T.
—; Kubelka-Munk Analysis of Absorptance in the Presence of Scattering, Including Surface Reflection Correction To Transmittance, 10, 26 (1985)

Sherman, C.J.
—Review of *Glossary of Color Terms*, compiled by FSCT International Society Color Council Committee, 8, 132 (1983)

Shimoda, Y.
—; Effects of GABA Antagonists on Spectral Responses of Horizontal Cells in the Carp Retina, 7, 149 (1982)

Shirao, Y.
—; Human Late-Receptor Potential and its Clinical Use in Dyschromatopsia, 7, 164 (1982)

Sivik, L., *see* Hård, A.

Smith, V.C., *see* Pokorny, J.

Snelgar, R.
—The 20th Session of the CIE (Meeting Report), 9, 241 (1984)

Sobagaki, H., *see* Nayatani, Y.; Takahama, K.

Southworth, M.
—Review of *Lasers in Graphics, 1982 Conference Proceeding, Vol I, Electronic Publishing Overview and Subsystems; Vol. II, Electronic Page and Signature Make-up*, edited by S. Thomas Dunn, 9, 62 (1984)

Spillman, W.
—Color Order Systems and Architectural Color Design, 10, 5 (1985)

Srivastava, J., *see* Dayte, K.V.

Stearns, E.I.
—The Determination of Weights for Use in Calculating Tristimulus Values, 6, 210 (1981)

—Influence of Spectrophotometer Slits on Tristimulus Calculations, 6, 78 (1981)

—Letter to the Editor, 6, 207 (1981)

—Notes on Tristimulus Calculation (Note), 9, 173 (1984)

Strocka, D.
—; Influence of Experimental Parameters on the Evaluation of Color-Difference Ellipsoids, 8, 169 (1983)

Sugden, J.K.
—Photochemical and Thermal Stability of Amaranth (FD&C Red No.2) in Aqueous Media (Note), 10, 41 (1985)

Takahama, K., *see also* Nayatani, Y.
—; A Proposal of New Standard Deviate Observers, 8, 47 (1983)

—; Formulation of a Nonlinear Model of Chromatic Adaptation for a Light-Gray Background, 9, 106 (1984)

—; Prediction of Observer Variation in Estimating Colorimetric Values, 10, 106 (1985)

Takahashi, S., *see* Akita, M.

Tanabe, J., *see* Kawasaki, K.

Taylor, P.F., *see* McLaren, K.

Terstiege, H.
—Daytime Colorimetry of Retroreflective Materials, 7, 307 (1982)

Thomas, H.
—Simulation of Colored Illumination in Painting Using the Ostwald System, 9, 147 (1984)

Tomita, T.
—; Third Taniguchi Foundation Symposium on Visual Science: Neurobiological and Psychophysical Aspects of Color Vision, 6, 247 (1981)

Toyoda, J.
—; The Role of L-Type Horizontal Cells in the Opponent-Color Process, 7, 152 (1982)

Troscianko, T.S.
—Saturation as a Function of Test-Field Size and Surround Luminance, 7, 89 (1982)

Uchikawa, H.
—; Color-Discrimination Perimetry, 7, 264 (1982)
—; Luminance and Saturation of Equally Bright Colors, 9, 5 (1984)
Uchikawa, K., see also Uchikawa, H.
—; Wavelength Discrimination with a Chromatically Alternating Stimulus, 10, 204 (1985)

van Beek, H.C.A.
—Light-Induced Colour Changes in Dyes and Materials, 8, 176 (1983)

Venable, W.H.
—Applying the CIE Retroreflectance Geometry, 7, 311 (1982)

Viénot, F.
—Color-Match Changes between the Fovea and the Perifovea, 8, 215 (1983)

Voke, J.
—Colour-Vision Researchers Meet in Berlin (Meeting Report), 7, 57 (1982)
—Review of *The Colour Science of Dyes and Pigments* by Keith McLaren, 10, 53 (1985)

Vos, J.J.
—On the Merits of Model Making in Understanding Color-Vision Phenomena, 7, 69 (1982)

Vosbeck, R.R.
—Color in Architecture, 9, 103 (1984)

Walraven, J.
—; Chromatic Adaptation and π Mechanisms, 7, 50 (1982)

Watanabe, S.-I., see Shimoda, Y.

Webber, T.G.
—ISCC 1982 Annual Meeting and ISCC-SID Symposium on Colorimetry of Self-Luminous Displays (Meeting Reports), 8, 125 (1983)
—The 1981 ISCC Williamsburg Conference (Meeting Report), 6, 3 (1981)

—Review of *Color; Essence & Logic* by Rolf G. Kuehni, 9, 251 (1984)
—Review of *The Colour Science of Dyes & Pigments* by Keith McLaren, T.G., 10, 54 (1985)
Werner, J.S., see Walraven, J.
Wightman, T.E., see Grum, F.
Witt, K.
—; Parametric Variations in a Threshold Color-Difference Ellipsoid for Green Painted Samples, 8, 153 (1983)

Woltman, H.
—Use of Retroreflectors in the Improvement of Nighttime Highway Visibility, 7, 248 (1982)

Wright, W.D., see also Holmes, J.G.
—A Mobile Spectrophotometer for Art Conservation, 6, 70 (1981)
—The Basic Concepts and Attributes of Colour Order Systems, 9, 229 (1984)
—The Golden Jubilee of Colour in the CIE. 1931-1981, 7, 12 (1982)
—Why and How Chromatic Adaptation Has Been Studied, 6, 147 (1981)

Wyszecki, G., see Fuchida, T.

Yaguchi, H.
—; Nonlinear Nature of the Opponent-Color Channels, 7, 187 (1982)

Yonemura, D., see Kawasaki, K.

Yuhas, B., see Allen, E.

Ziderman, I.I.
—Letter to the Editor, 10, 258 (1985)

Zrenner, E.
—The Neural Organization of Primate Color Vision, 7, 205 (1982)

Zwick, D.
—Conference on Color & Imaging, Williamsburg, Virginia Feb. 12-15, 1984 (Meeting Report), 9, 182 (1984)